

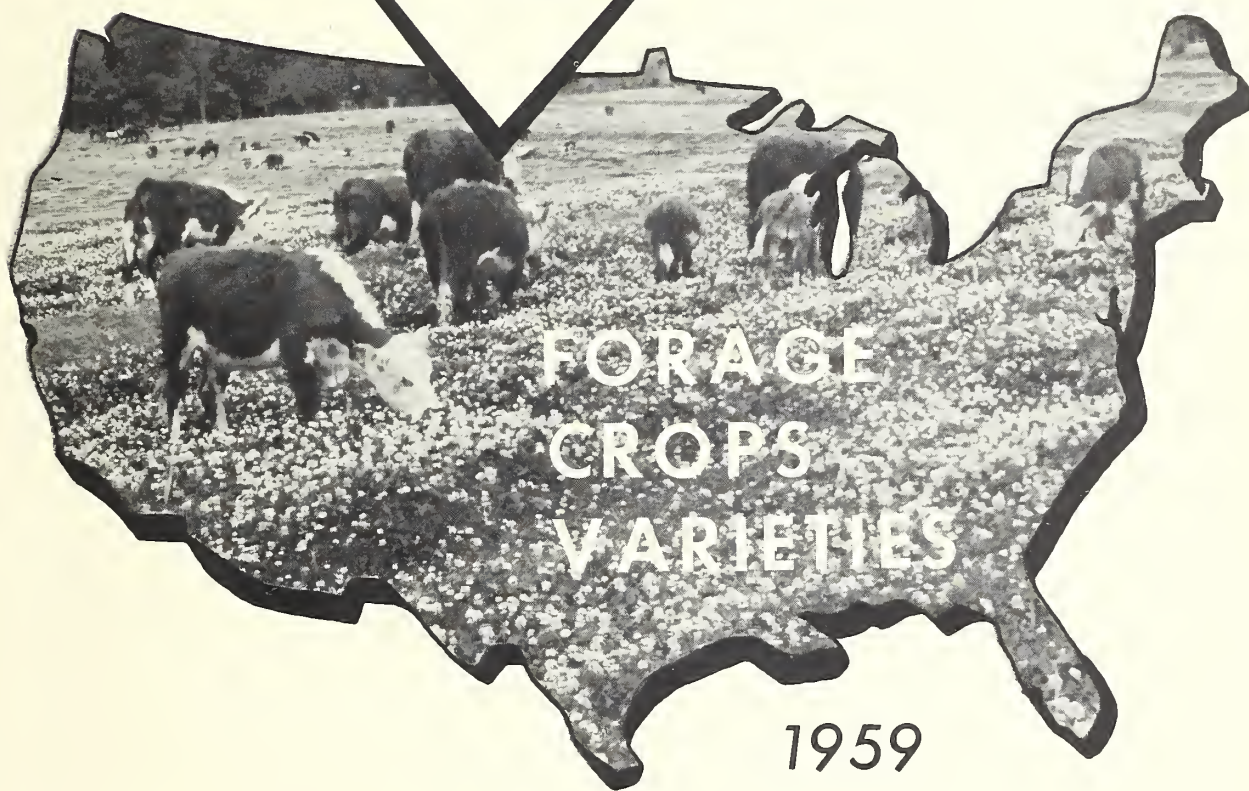
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EXPECTED Trends in



Reported by
State Extension Agronomists

Compiled by
Federal Extension Service
United States Department of Agriculture

THE 1959
VARIETAL TREND REPORT
COMPILED
BY
J. M. SAUNDERS, EXTENSION AGRONOMIST

Purpose

The purpose of this study is to provide better communication between seed producers, distributors and consumers throughout the country. There is a significant trend toward the concentration of forage seed production - outside the region of usage. Therefore, knowledge of recommendations, trends, and potential seed needs - by variety and by region - is important to seed producers, distributors, and users alike.

Opportunities Provided by this Study

The information in this study provides guidelines to research and extension workers, to seed producers and distributors, all to serve better the needs of the farmer.

The charts show that the uptrends more often apply to new varieties - the stationary and downtrends to the old ones. The study can be used as a guide in reducing acreage of varieties showing downtrends, and increasing acreage of varieties showing uptrends. Shifts should take into account also the r-e-l-a-t-i-v-e importance of the variety. It stands to reason that the earlier seed requirements can be predicted for a new variety, the better. It is the object of this study to provide information for use in arriving at such estimates.

How Information was Obtained

A questionnaire was mailed to one extension agronomist in each of the 48 States. He acted as leader in drawing together the information on acreage breakdown by varieties obtained from such sources as State seed improvement associations, the State seed enforcement office, key seed dealers, the Federal-State agricultural statisticians, and fellow college staff members. The variety recommendations are those of the extension services of Land-Grant colleges and are based on research findings, field trials, and market requirements.

The expected trend and expected rate of change are based on the knowledge of the performance of different varieties in State test plots, together with sound ideas of how readily farmers in the State will change to improved varieties once seed is available at realistic prices.

To obtain uniformity of expression throughout the four regions with respect to rate of change, the following guidelines were suggested:

Slight	- under 10 percent
Moderate	- 10-20 percent
Sharp	- over 20 percent

The author wishes to express his appreciation to the services and agencies named above and especially to the State extension agronomists for their generous cooperation and to members of the Federal Extension Service for their advice and assistance throughout the study.

How Data Were Summarized and Presented

Tables were prepared for each extension region as well as nationally to show the varieties planted, acreage, percentage each represents of the total, expected trend, number of States reporting, and number of States recommending the variety. (See map for extension regional grouping).

In arriving at trends, the estimated 1959 acreage was used as a base for each variety and the trend values applied as described below.

The acreage chart shows the present relative importance of each variety, while the trend chart reflects the expected change, assuming seed is available at realistic prices. Both charts must be considered together. A slight uptrend in a widely established variety could indicate a greater change in acreage than a sharp uptrend in a variety not yet established.

Symbols and abbreviations used:

1. Symbols of trends:

<u>A. Rate of Increase</u>		<u>B. Rate of Decrease</u>	
Stationary	1.0	Stationary	1.0
Slight change	1.1	Slight change	0.9
Moderate change	1.2	Moderate change	0.8
Sharp change	1.3	Sharp change	0.7

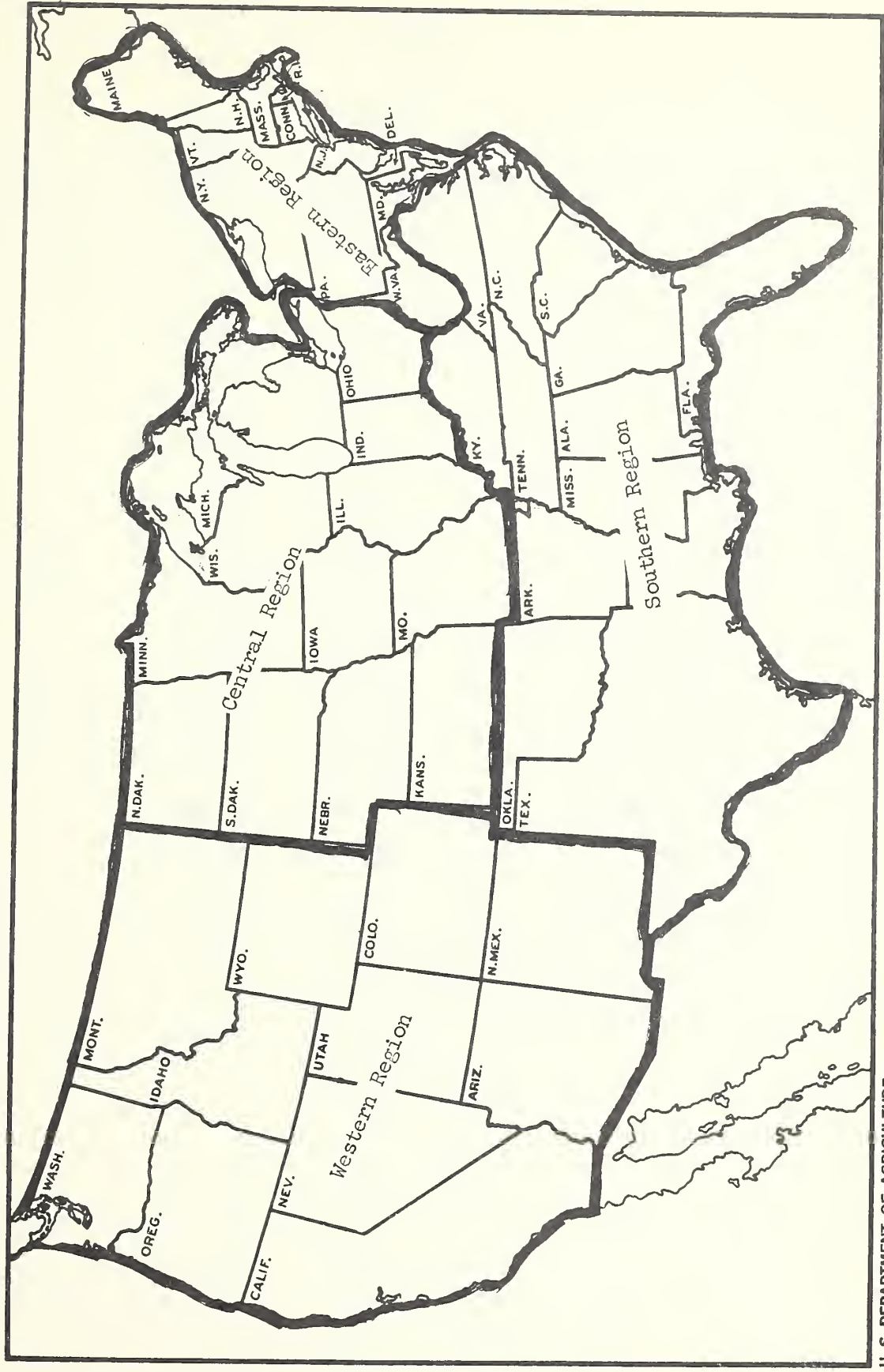
e.g. 1.2 is a moderate uptrend and 0.8 indicates a moderate downtrend.

2. * = less than 1,000 acres reported.

3. Rptg = Reporting.

4. Recong = Recommending

In the use of this material it should be recognized that the acreages reported by varieties are estimates. However, this is, to the best of our knowledge, the most accurate varietal breakdown available.



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Lespedeza	23 and 26	24 and 25
Vetch	29 and 30	27 and 28
Bromegrass	30 and 33	31 and 32
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TRENDS IN FORAGE CROPS VARIETIES

Alfalfa

Variety	Average	1959	Total	Expected	S T A T E S	
	1957-58		Acreage	Trend 1/	Rptg	Recomg
	1,000	1,000	Percent		No.	No.
	acres	acres				

National

Ranger	8,790	9,256	36.4	0.9	35	26
Common	5,859	5,315	20.8	0.9	31	14
Vernal	1,572	3,054	12.0	1.2	27	26
Buffalo	2,191	2,506	9.8	0.9	30	25
Grimm	2,319	1,194	4.7	0.7	15	3
Ladak	731	1,150	4.5	1.0	12	11
Du Puits	532	702	2.7	1.0	26	16
African	354	484	1.9	0.8	7	6
Narragansett	359	410	1.6	1.1	22	20
Atlantic	336	406	1.6	1.0	23	20
Williamsburg	144	281	1.1	1.1	12	8
Lahontan	132	256	1.0	1.2	11	11
Cossack	194	118	0.5	0.8	5	2
Moapa	1	100	0.4	1.2	2	2
Hairy Peruvian	50	76	0.3	0.8	3	3
Meeker Baltic	50	50	0.2	1.0	1	0
Caliverde	26	31	0.1	0.8	3	2
New Mexico 11-1	*	25	0.1	1.0	2	2
Indian	3	25	0.1	0.8	4	3
Zia	*	16	0.0	1.3	1	1
Nomad	*	15	0.0	1.3	1	1
Alfa	*	15	0.0	1.3	1	1
Talent	4	10	0.0	0.8	2	2
Rhizoma	*	7	0.0	1.0	2	1
New Mexico 16	*	1	0.0	1.3	1	1
Chillian 21-5	1	1	0.0	1.0	2	2
Teton	*	*	-	1.1	1	1
Cody	*	*	-	1.3	1	1
Total	23,648	25,504				

Eastern Region

Ranger	771	816	34.8	0.7	9	5
Narragansett	317	355	15.1	1.2	9	9
Du Puits	173	301	12.9	1.1	10	9
Vernal	81	298	12.7	1.2	10	9
Buffalo	222	281	12.0	0.9	8	5
Atlantic	136	143	6.1	1.0	5	4
Williamsburg	55	62	2.6	1.1	4	2
Common	54	49	2.1	0.8	4	1
Grimm	43	25	1.1	0.8	2	0
Alfa	-	15	0.6	1.3	1	1
Total	1,852	2,345				

Alfalfa (cont.)

Variety	Average 1957-58	1959	Total Acreage	Expected Trend <u>1/</u>	S T A T E S	
	1,000 acres	1,000 acres	Percent		Rptg No.	Recomg No.

Central Region

Ranger	6,817	7,365	41.5	0.9	11	10
Common	3,965	3,645	20.5	0.9	8	4
Vernal	1,368	2,581	14.6	1.2	8	8
Buffalo	1,561	1,936	10.9	0.9	8	7
Grimm	1,862	1,070	6.0	0.7	7	1
Du Puitts	550	535	3.0	1.0	7	1
Ladak	260	293	1.6	0.8	5	4
Williamsburg	*	125	0.7	1.1	2	0
Cossack	160	100	0.6	0.8	2	1
African	78	76	0.4	1.1	2	1
Atlantic	34	35	0.2	1.0	6	5
Narragansett	1	1	0.0	1.1	1	1
Lahonton	*	1	0.0	0.8	1	1
Caliverde	1	1	0.0	1.0	1	0
Teton	*	*	0.0	1.1	1	1
Cody	*	*	0.0	1.3	1	1
Total	16,657	17,764				

Southern Region

Common	512	490	44.8	0.9	10	7
Atlantic	147	191	17.4	0.9	8	8
Buffalo	253	164	15.0	1.1	9	9
Williamsburg	84	94	8.5	1.2	6	6
Narragansett	31	41	3.8	1.1	7	7
Ranger	20	31	2.8	1.1	6	4
Hairy Peruvian	29	26	2.4	1.0	2	2
Du Puits	34	23	2.2	1.1	3	3
Lahonton	6	12	1.1	1.1	3	3
African	5	6	0.6	1.1	3	3
Indian	5	5	0.5	1.0	3	3
Rhizoma	5	5	0.5	1.0	1	0
Vernal	1	1	0.1	1.0	2	2
Chillian 21-5	0	1	0.1	1.0	2	2
New Mexico 16	*	1	0.1	1.3	1	1
Talent	*	*	0.0	1.0	1	1
New Mexico 11-1	*	*	0.0	1.2	1	1
Caliverde	*	*	0.0	1.0	1	1
Total	1,132	1,091				

Variety	Average 1957-58	1959	Total Acreage	Expected Trend <u>1/</u>	S T A T E S Rptg	Recomg
	1,000 acres	1,000 acres	Percent		No.	No.
<u>Western Region</u>						
Common	1,327	1,131	26.3	0.8	9	2
Ranger	1,182	1,043	24.2	1.0	9	7
Ladak	401	615	14.3	1.0	7	7
African	539	402	9.3	0.8	2	2
Lahonton	220	243	5.6	1.2	7	7
Vernal	92	174	4.0	1.3	7	7
Buffalo	154	125	2.9	0.9	5	4
Moapa	1	100	2.3	1.2	2	2
Grimm	592	98	2.3	0.8	6	2
Du Puits	66	85	2.0	0.9	6	3
Meeker Baltic	50	50	1.1	1.0	1	0
Hairy Peruvian	1	50	1.1	0.8	1	1
Atlantic	17	37	0.9	1.0	4	3
Caliverde	50	30	0.7	0.8	1	1
New Mexico	35	25	0.6	1.0	1	1
Indian	*	20	0.5	0.8	1	0
Cossack	58	18	0.4	0.9	3	1
Zia	*	16	0.4	1.3	1	1
Nomad	*	15	0.4	1.3	1	1
Narragansett	10	14	0.3	1.0	5	3
Talent	4	10	0.2	0.8	1	1
Rhizoma	*	2	0.0	1.1	1	1
New Mexico 16	1	1	0.0	1.3	1	1
Total	4,800	4,304				

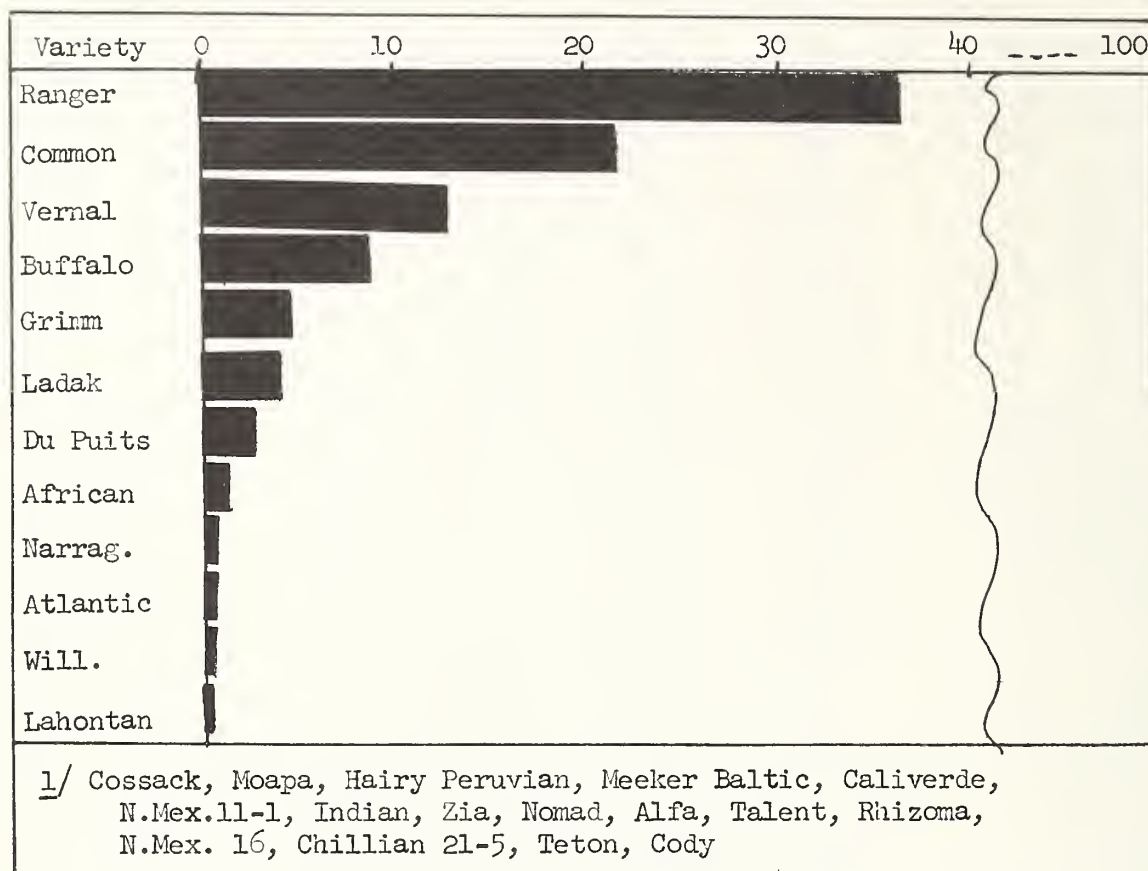
The production of alfalfa seed this year is forecast at 137,947,000 pounds as reported by the Crop Reporting Board on Oct. 16, 1959. This is the smallest production in 8 years. Twenty-eight varieties were reported by agronomists on the 1959 Trend Survey Report. The total acreage for all varieties was 25-1/2 million. Of this amount 79.2 percent was planted to four varieties. From the national table on alfalfa it can be noted that 17 varieties constitute less than 3 percent of the acreage. Most of these are new varieties, with the expected trend up moderate to sharp provided seed is available at competitive prices. Only a few years ago Vernal was a new variety planted by only a few States. Today it ranks third in acreage and is planted by 27 States and recommended by 26. This was made possible through a rapid buildup of seed supplies. The most valuable service producers and distributors of seed can render growers is to supply them with pure seed of the varieties recommended in accordance with the trends in the region being served.

1/ Stationary=1.0; Up Slight=1.1; Up Moderate=1.2; Up Sharp=1.3;

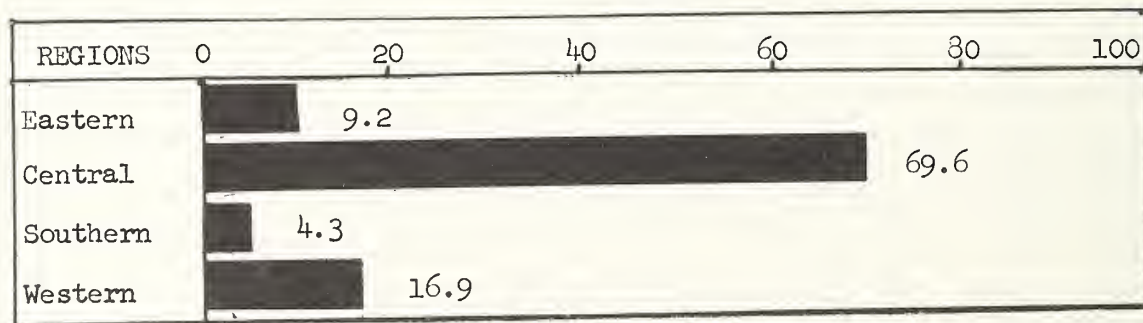
Down Slight=0.9; Down Moderate=0.8; Down Sharp=0.7

* Less than 1,000 acres reported

PERCENT OF ALFALFA ACREAGE BY VARIETIES

National

PERCENT OF ALFALFA ACREAGE BY REGIONS



1/ Varieties constituting less than one percent of the national acreage

National

Alfalpa

<u>1/</u> Shp	<u>UP</u> Mod	Sli	Variety	Sli	<u>DOWN</u> Mod	Shp
			Zia			
			Nomad			
			Alfa			
			N.Mex. 16			
			Cody			
			Lahontan			
			Vernal			
			Moapa			
			Narrag.			
			Will.			
			Teton			
			Ranger			
			Common			
			Buffalo			
			African			
			Cossack			
			Hairy P.			
			Caliverde			
			Indian			
			Talent			
			Grimm			
<u>2/</u> Ladak, Du Fuits, Atlantic, Meeker Baltic, New Mex. 11-1, Rhizoma, Chillian 21-5						

1/ Degree of trend up or down (Sli) Slight=less than 10 percent of reported acreage; (Mod) Moderate=10-20 percent; (Shp) Sharp=over 20 percent

2/ Varieties expected to remain Stationary

TRENDS IN FORAGE CROPS VARIETIES

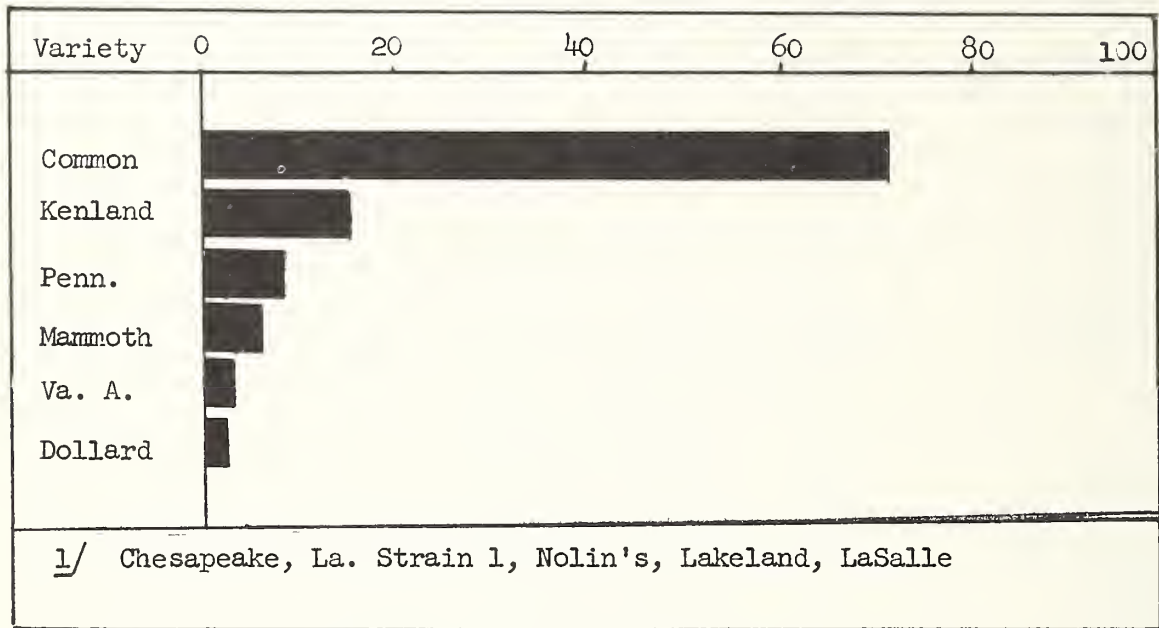
Red Clover

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S	
	1,000 acres	1,000 acres	Percent		Rptg No.	Recomg No.
<u>National</u>						
Common	8,419	8,620	71.0	0.9	26	16
Kenland	1,898	1,982	16.3	1.0	32	25
Pennscott	617	616	5.2	1.1	17	17
Mammoth	250	439	3.6	1.0	7	3
Va. Adapted	199	265	2.2	1.0	2	1
Dollard	89	177	1.5	1.1	12	11
Chesapeake	5	13	0.1	1.2	4	3
La. Strain 1	7	12	0.1	1.2	3	3
Nolin's	3	6	0.0	1.0	2	2
Lakeland	--	*	0.0	1.2	1	1
LaSalle	*	*	0.0	1.2	1	1
Total	<u>11,487</u>	<u>12,130</u>				
<u>Eastern Region</u>						
Common	1,645	1,830	68.3	0.8	8	3
Pennscott	449	431	16.1	1.2	9	9
Kenland	354	257	9.6	1.0	8	3
Mammoth	50	89	3.4	1.0	5	1
Va. Adapted	134	50	1.9	1.0	1	0
Chesapeake	4	12	0.4	1.2	3	2
Dollard	<u>5</u>	<u>7</u>	0.3	1.3	3	2
Total	<u>2,641</u>	<u>2,676</u>				

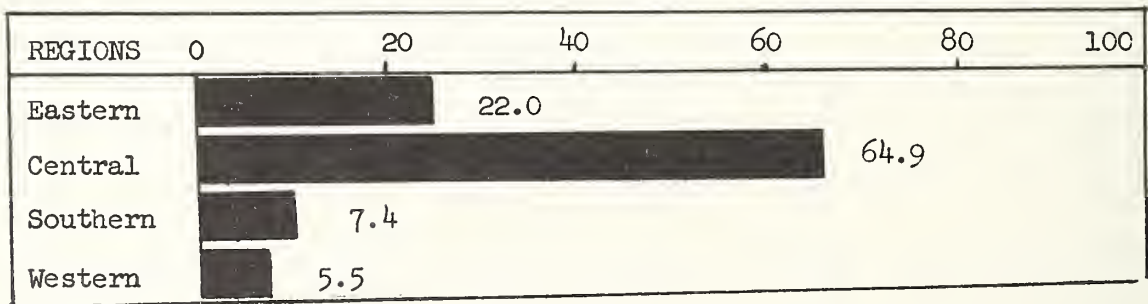
Red Clover (cont.)

Variety	Average 1957-58 1,000 acres	1959 1,000 acres	Total Acreage Percent	Expected Trend	S T A T E S Rptg No.	Recomg No.
<u>Central Region</u>						
Common	6,304	6,390	81.1	1.0	9	7
Kenland	755	880	11.2	1.0	6	6
Mammoth	250	350	4.5	1.0	2	2
Dollard	87	165	2.0	1.1	6	6
Pennscott	123	90	1.2	1.1	2	2
Lakeland	--	*	0.0	1.2	1	1
Total	7,519	7,875				
<u>Southern Region</u>						
Kenland	499	537	59.4	1.0	10	10
Va. Adapted	134	215	23.8	1.0	1	1
Common	119	130	14.3	0.9	3	2
La. Strain 1	8	12	1.2	1.2	3	3
Nolin's	3	6	0.7	1.0	2	2
Pennscott	4	3	0.4	1.2	2	2
Chesapeake	2	1	0.2	1.2	1	1
Total	769	904				
<u>Western Region</u>						
Kenland	319	307	45.7	1.1	8	6
Common	369	269	40.0	1.0	6	4
Pennscott	40	92	13.7	1.0	4	4
Dollard	6	3	0.5	1.2	3	3
LaSalle	*	*	0.1	1.2	1	1
Total	734	671				

PERCENT OF RED CLOVER ACREAGE BY VARIETIES

National

PERCENT OF RED CLOVER ACREAGE BY REGIONS



<u>1/</u>	<u>UP</u>		<u>DOWN</u>
Shp	Mod	Sli	Variety
			La. S-1
			Nolin's
			La. White
			Pilgrim

2/ Ladino, Common, Alalu

TRENDS IN FORAGE CROPS VARIETIES

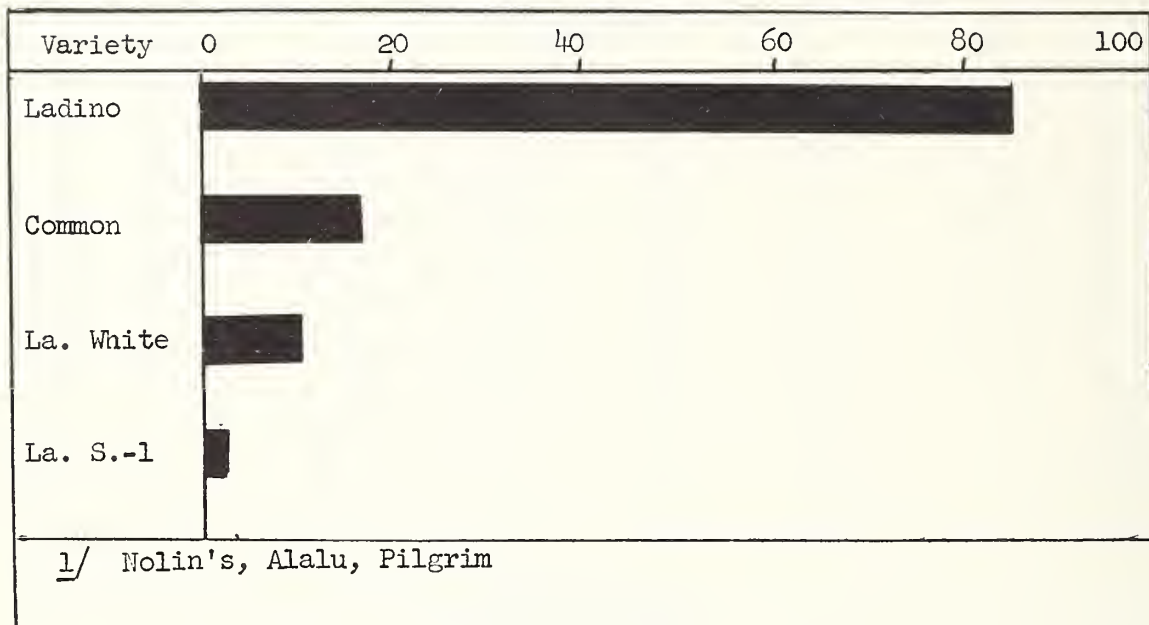
White Clover

Variety	Average 1957-58 1,000 acres	1959 1,000 acres	Total Acreage Percent	Expected Trend	S T A T E S Rptg No.	Recomg No.
<u>National</u>						
Ladino	7,291	7,374	68.6	1.0	31	26
Common	6,488	2,037	18.9	1.0	16	9
Louisiana White	971	1,068	9.9	1.1	7	5
Louisiana S-1	337	153	1.4	1.2	7	6
Nolin's	200	50	0.5	1.2	2	2
Alalu	45	45	0.4	1.0	1	1
Pilgrim	<u>57</u>	<u>24</u>	0.2	0.9	4	3
Total	15,389	10,751				
<u>Eastern Region</u>						
Ladino	805	709	97.8	0.9	9	9
Common	15	12	1.6	1.0	2	2
Pilgrim	<u>32</u>	<u>3</u>	0.6	1.0	2	1
Total	852	724				
<u>Central Region</u>						
Ladino	3,575	3,550	97.3	1.0	6	5
Common	<u>100</u>	<u>100</u>	2.7	1.0	1	0
Total	3,675	3,650				

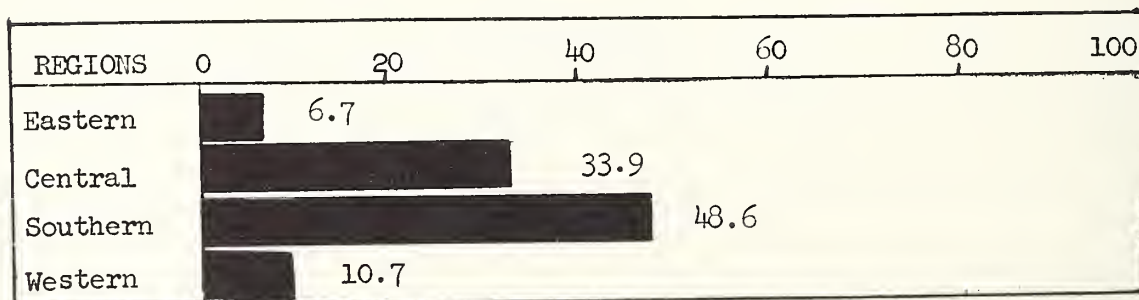
White Clover (cont.)

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	Recomg
	1,000 acres	1,000 acres	Percent		No.	No.
<u>Southern Region</u>						
Ladino	2,417	2,312	44.2	1.1	9	7
Common	6,090	1,600	30.6	1.0	5	3
Louisiana White	850	1,068	20.4	1.1	7	5
Louisiana S-1	337	153	2.9	1.2	7	6
Nolin's	200	50	1.0	1.2	2	2
Alalu	45	45	0.9	1.0	1	1
Pilgrim	<u>1</u>	<u>1</u>	0.0	1.2	1	1
Total	9,940	5,229				
<u>Western Region</u>						
Ladino	493	803	70.0	1.0	7	5
Common	283	325	28.3	0.9	8	4
Pilgrim	<u>25</u>	<u>20</u>	1.7	0.9	1	1
Total	801	1,148				

PERCENT OF WHITE CLOVER ACREAGE BY VARIETIES

National

PERCENT OF WHITE CLOVER ACREAGE BY REGIONS



Sweet Clover

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S	
	1,000 acres	1,000 acres	Percent		Rptg No.	Recomg No.
<u>National</u>						
Common	2,149	1,647	43.1	0.8	16	9
Madrid	1,297	1,492	39.0	1.1	13	11
Hubam	179	306	8.0	1.0	9	9
Biennial White	10	186	4.9	1.0	7	6
Evergreen	119	64	1.7	1.0	8	5
Florana	16	63	1.6	1.1	3	3
Yellow Blossom	20	30	0.8	1.1	1	1
Spanish	32	15	0.4	0.7	1	1
M. Indica	8	11	0.3	0.9	2	2
Israel	*	4	0.1	1.1	2	2
Goldtop	<u>*</u>	<u>*</u>	0.0	1.1	3	3
Total	3,830	3,818				

Eastern Region

Common	1	1,510	99.9	1.0	1	0
Biennial White	<u>*</u>	<u>1</u>	0.1	1.0	1	1
Total	1	1,511				

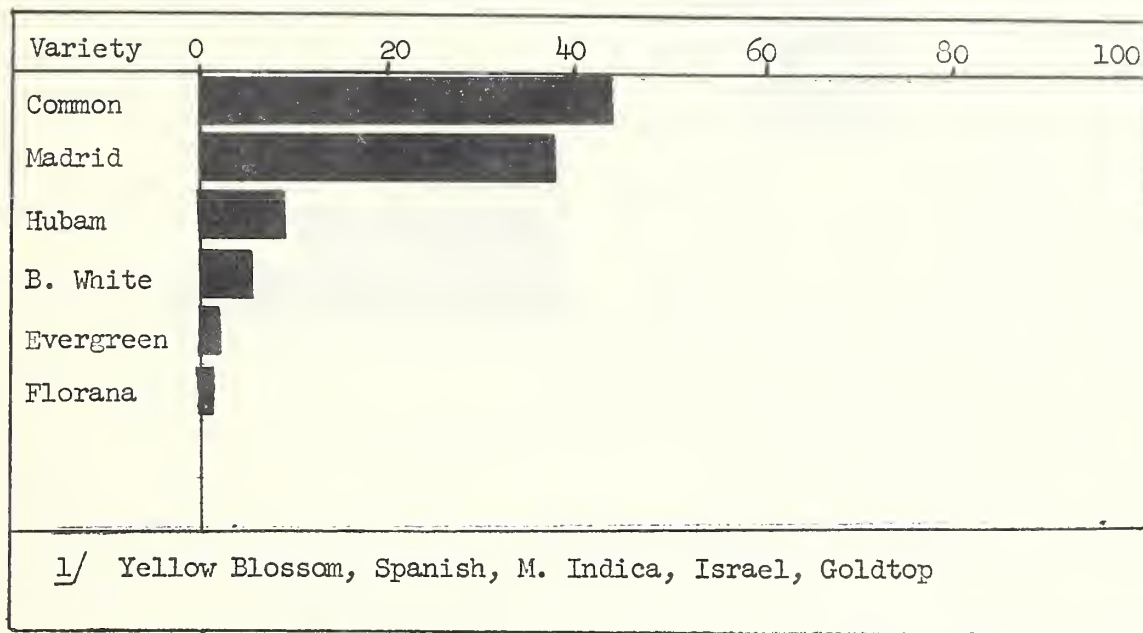
Central Region

Common	1,763	1,510	47.7	0.8	7	3
Madrid	1,227	1,445	45.7	1.0	7	6
Biennial White	123	133	4.2	1.0	3	3
Evergreen	116	58	1.8	0.9	6	4
Hubam	25	15	0.5	0.9	1	1
Goldtop	<u>*</u>	<u>*</u>	0.0	1.1	2	2
Total	3,254	3,161				

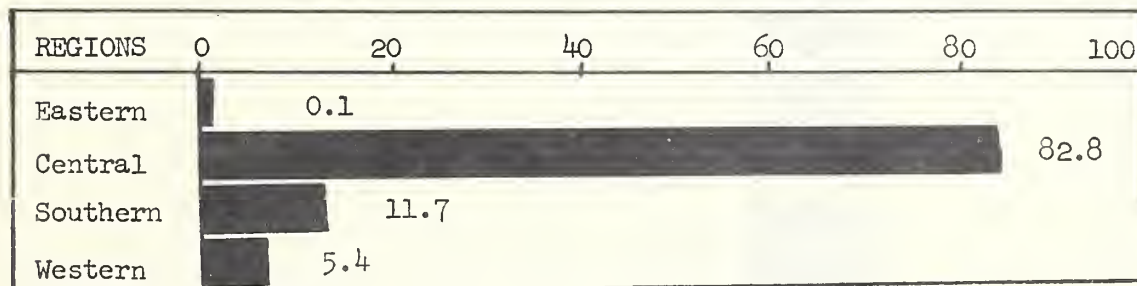
Sweet Clover (cont.)

Variety	Average 1957-58 1,000 acres	1959 1,000 acres	Total Acreage Percent	Expected Trend	S T A T E S Rptg No.	Recomg No.
<u>Southern Region</u>						
Hubam	144	278	61.8	1.0	6	6
Florana	14	63	14.0	1.1	3	3
Common	67	59	13.2	1.0	4	3
Madrid	21	22	4.8	1.1	3	2
M. Indica	8	11	2.4	0.9	2	2
Biennial White	5	7	1.6	1.0	2	1
Evergreen	5	5	1.2	1.1	2	1
Israel	<u>*</u>	<u>4</u>	0.9	1.1	2	2
Total	264	449				
<u>Western Region</u>						
Common	317	77	37.4	1.0	4	3
Biennial White	*	45	21.9	0.9	1	1
Yellow Blossom	30	30	14.6	1.1	1	1
Madrid	48	25	12.3	0.9	3	3
Spanish	32	15	7.3	0.7	1	1
Hubam	9	13	6.4	1.1	2	2
Goldtop	<u>*</u>	<u>*</u>	0.1	1.3	1	1
Total	436	205				

PERCENT OF SWEET CLOVER ACREAGE BY VARIETIES

National

PERCENT OF SWEET CLOVER ACREAGE BY REGIONS



National

Sweet Clover

<u>1/</u>	<u>UP</u>			<u>DOWN</u>		
Shp	Mod	Sli	Variety	Sli	Mod	Shp
			Madrid			
			Florana			
			Yellow B.			
			Israel			
			Goldtop			
			M. Indica			
			Common			
			Spanish			
<u>2/</u>	Hubam, Biennial White, Evergreen					

Crimson Clover

<u>1/</u>	<u>UP</u>			<u>DOWN</u>		
Shp	Mod	Sli	Variety	Sli	Mod	Shp
			Allen			
			Hardy			
			Autauga			
			Dixie			
			Reseeding			
			Tallad.			
			Auburn			
			Chief			
<u>2/</u>	Common, Thornton					

TRENDS IN FORAGE CROPS VARIETIES

Crimson Clover

Variety	Average 1957-58 1,000 acres	1959 1,000 acres	Total Acreage Percent	Expected Trend	S T A T E S Rptg No.	Recomg No.
<u>National</u>						
Common	1,026	860	41.6	1.0	15	12
Dixie	774	647	31.3	1.1	9	7
Reseeding	390	340	16.5	1.1	2	2
Autauga	123	143	6.9	1.2	5	4
Talladega	37	53	2.6	1.1	5	5
Auburn	17	21	1.0	1.1	5	4
Thornton	50	1	0.0	1.0	2	2
Chief	*	1	0.0	1.1	2	2
Allen	*	*	0.0	1.3	1	1
Hardy	<u>*</u>	<u>*</u>	0.0	1.3	1	1
Total	2,417	2,066				

Eastern Region

Common	28	28	100	1.0	5	4
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Central Region

Dixie	3	1	100	1.0	1	0
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Crimson Clover (cont.)

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	S T A T E S Recomg
	1,000 acres	1,000 acres	Percent		No.	No.

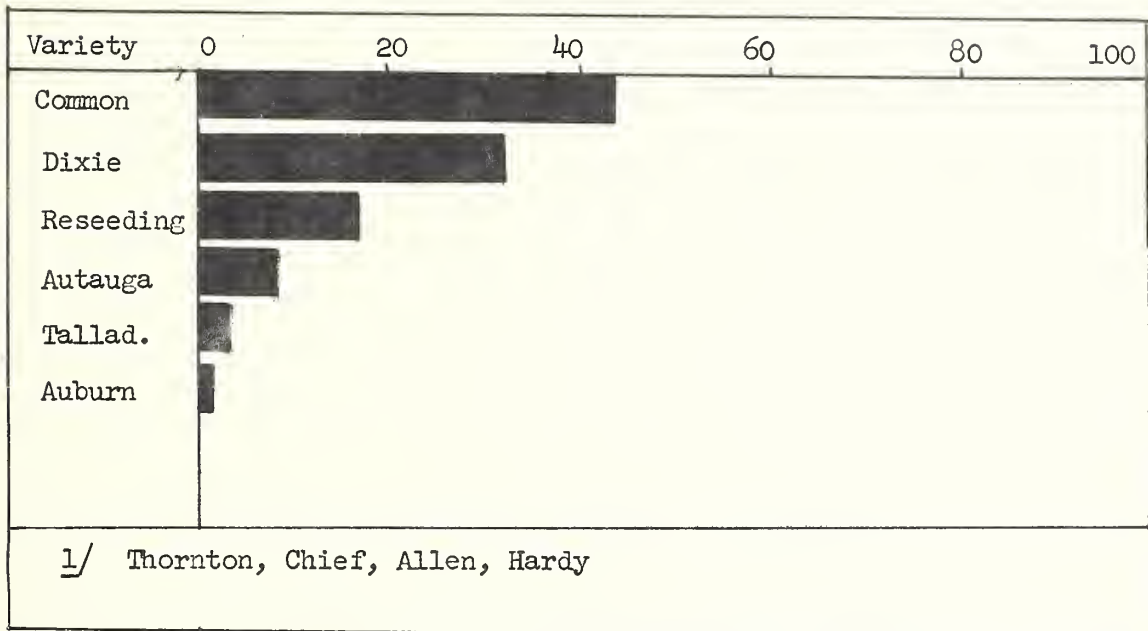
Southern Region

Common	898	739	38.2	1.0	8	7
Dixie	760	624	32.2	1.1	7	7
Reseeding	385	340	17.5	1.1	2	2
Autauga	17	143	7.4	1.2	5	4
Talladega	37	53	2.7	1.1	5	5
Auburn	17	21	1.1	1.1	5	4
Thornton	50	15	0.8	1.1	2	2
Chief	*	2	0.1	1.1	2	2
Allen	*	*	0.0	1.3	1	1
Hardy	<u>*</u>	<u>*</u>	0.0	1.3	1	1
Total	2,164	1,937				

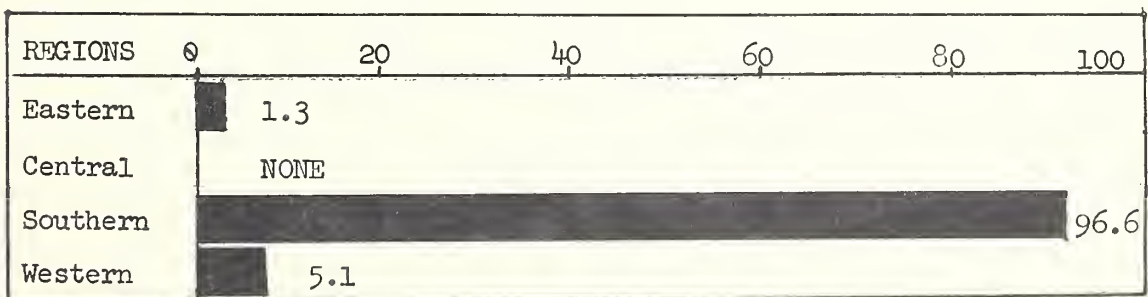
Western Region

Common	100	93	80.8	1.1	2	1
Dixie	<u>8</u>	<u>22</u>	19.2	1.2	1	0
Total	108	115				

PERCENT OF CRIMSON CLOVER ACREAGE BY VARIETIES

National

PERCENT OF CRIMSON CLOVER ACREAGE BY REGIONS



TRENDS IN FORAGE CROPS VARIETIES

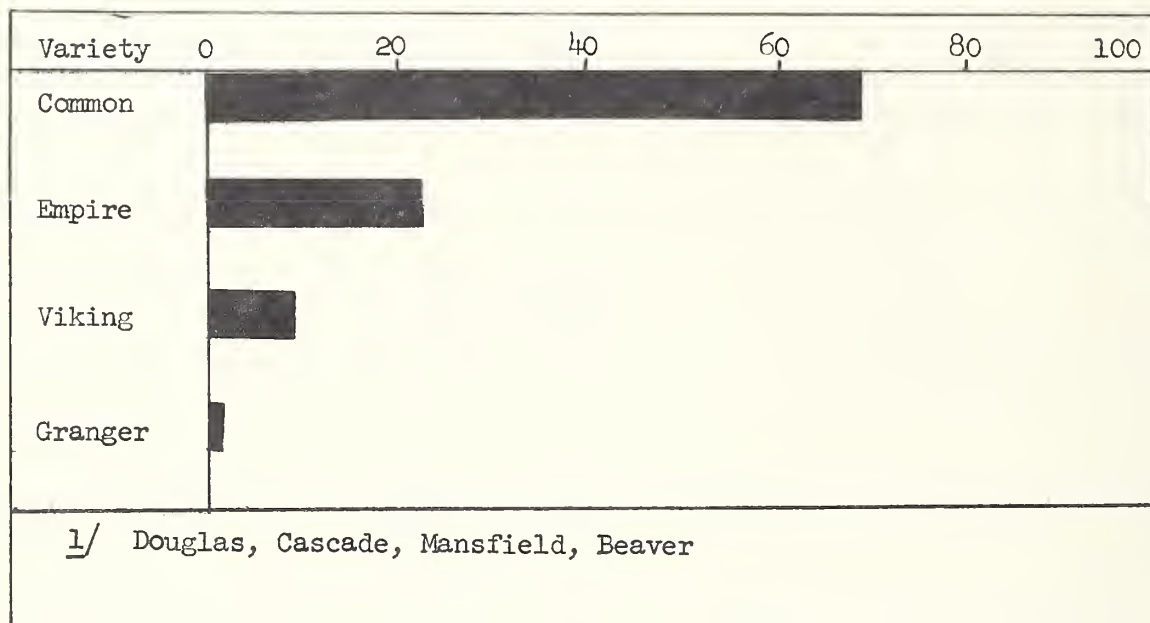
Birdsfoot Trefoil

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S	
	1,000 acres	1,000 acres	Percent		Rptg No.	Recomg No.
<u>National</u>						
Common or Imported	717	939	68.6	0.8	20	11
Empire	250	286	20.9	1.1	19	15
Viking	24	92	6.8	1.3	11	6
Granger	7	16	1.2	1.1	5	4
Douglas	--	10	0.8	1.2	1	1
Cascade	4	9	0.7	1.1	2	2
Mansfield	7	8	0.6	1.2	7	6
Beaver	<u>21</u>	<u>6</u>	0.4	1.0	2	2
Total	1,030	1,366				
<u>Eastern Region</u>						
Common or Imported	319	330	58.8	0.7	9	4
Empire	112	138	24.6	1.1	8	5
Viking	19	85	15.1	1.3	7	5
Mansfield	<u>7</u>	<u>8</u>	1.5	1.2	6	5
Total	457	561				
<u>Central Region</u>						
Common or Imported	189	210	59.7	1.1	5	4
Empire	131	135	38.5	1.1	7	7
Viking	<u>5</u>	<u>6</u>	1.8	1.1	3	0
Total	325	351				

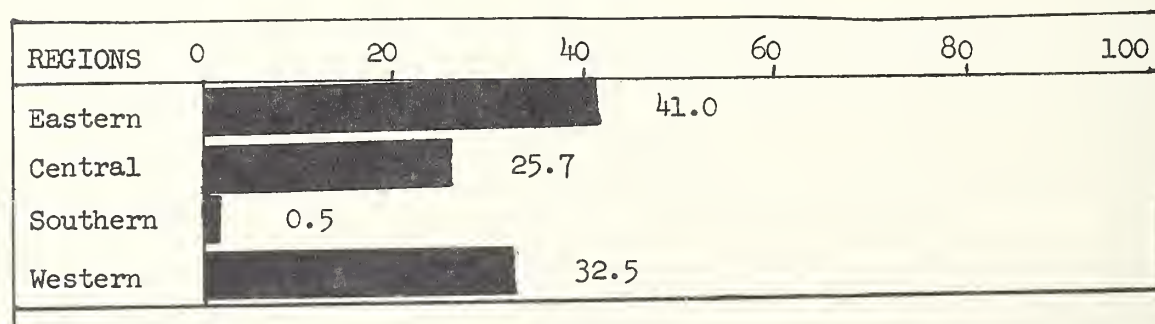
Birdsfoot Trefoil (cont.)

Variety	Average 1957-58 1,000 acres	1959 1,000 acres	Total Acreage Percent	Expected Trend	S T A T E S Rptg No.	Recomg No.
<u>Southern Region</u>						
Common or Imported	4	6	91.5	0.9	2	1
Granger	<u>*</u>	<u>1</u>	8.5	1.1	2	2
Total	4	7				
<u>Western Region</u>						
Common or Imported	207	392	88.0	1.1	4	2
Granger	6	15	3.4	1.1	3	2
Empire	6	12	2.8	1.1	4	3
Douglas	--	10	2.2	1.2	1	1
Cascade	6	9	2.1	0.9	2	2
Beaver	6	6	1.3	1.0	2	2
Viking	*	*	0.1	1.2	1	1
Mansfield	<u>*</u>	<u>*</u>	0.0	1.0	1	1
Total	231	444				

PERCENT OF BIRDSFOOT TREFOIL ACREAGE BY VARIETIES

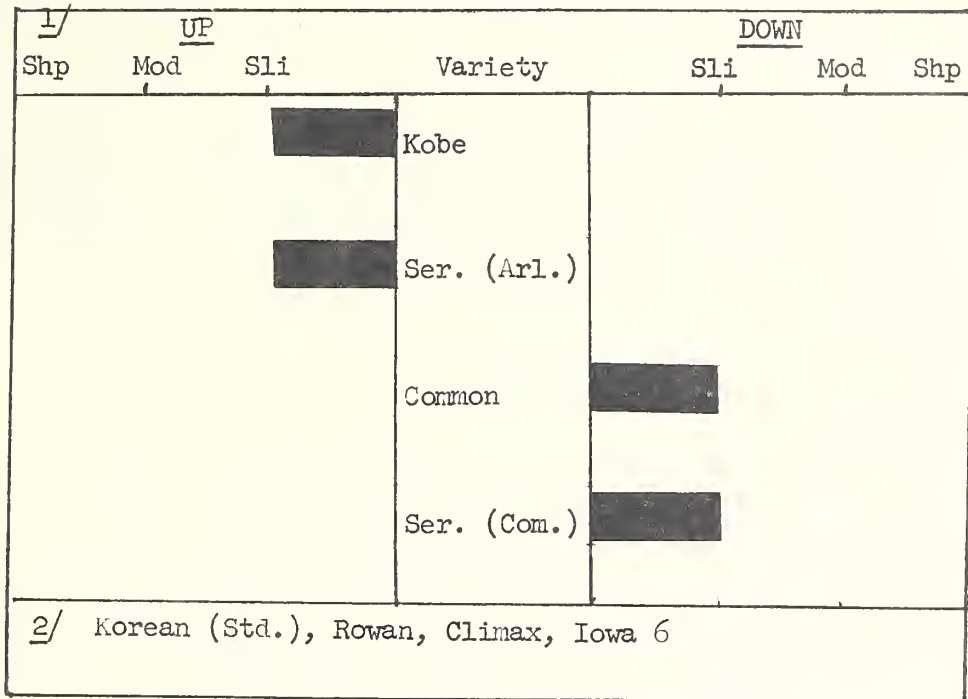
National

PERCENT OF BIRDSFOOT TREFOIL ACREAGE BY REGIONS

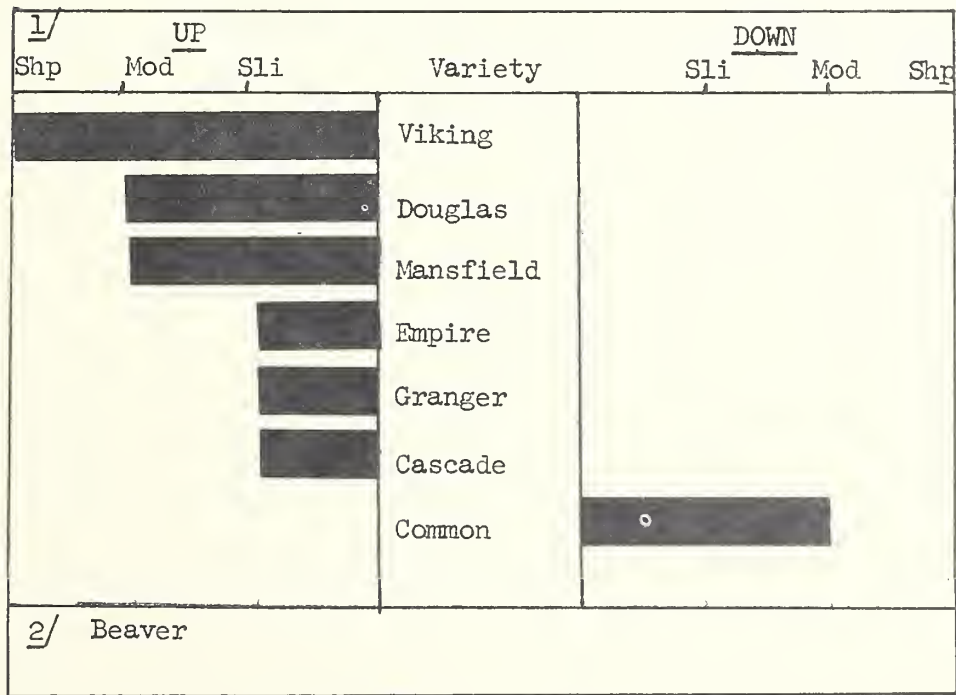


National

Lespedeza



Birdsfoot Trefoil



TRENDS IN FORAGE CROPS VARIETIES

Lespedeza

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	Recomg
	1,000 acres	1,000 acres	Percent		No.	No.

National

Korean (Standard)	4,733	4,494	60.8	1.0	14	13
Kobe	1,369	1,316	17.8	1.1	12	12
Sericea (Common)	962	692	9.3	0.9	12	10
Common	848	552	7.5	0.9	10	6
Rowan	157	165	2.2	1.0	7	7
Sericea (Arlington)	90	142	1.9	1.1	5	3
Climax	263	31	0.4	1.0	8	8
Iowa 6	1	1	0.0	1.0	1	1
Total	8,423	7,393				

Eastern Region

Korean (Standard)	63	63	63.6	1.0	2	2
Kobe	14	14	14.2	1.0	1	1
Common	42	12	12.2	0.9	2	2
Climax	4	5	5.0	1.1	1	1
Rowan	4	4	4.0	1.1	1	1
Sericea (Common)	1	1	1.0	1.0	1	1
Total	128	99				

Central Region

Korean (Standard)	1,609	1,610	94.9	1.0	4	3
Common	44	44	2.6	0.9	2	0
Sericea (Common)	26	26	1.5	1.0	2	1
Climax	16	15	0.9	1.0	1	1
Iowa 6	1	1	0.0	1.0	1	1
Total	1,696	1,696				

Lespedeza (cont.)

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	Recomg
	1,000 acres	1,000 acres	Percent		No.	No.

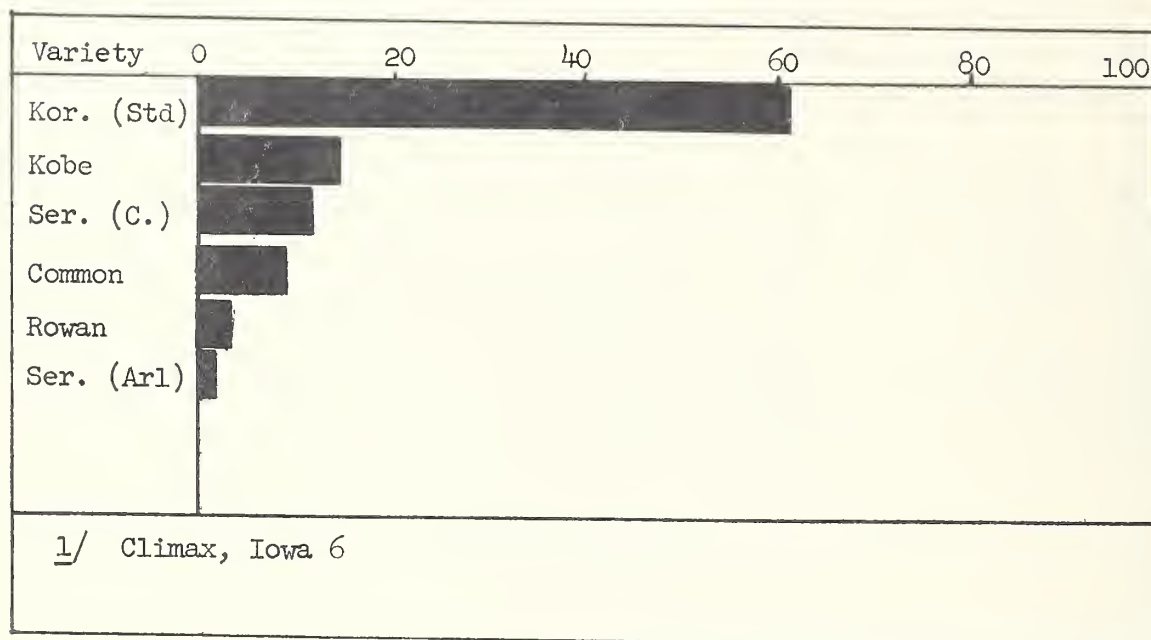
Southern Region

Korean (Standard)	3,061	2,821	50.6	1.0	8	8
Kobe	1,355	1,302	23.4	1.1	11	11
Sericea (Common)	935	665	11.9	0.9	9	8
Common	762	471	8.4	0.9	6	4
Rowan	153	161	2.9	1.0	6	6
Sericea (Arlington)	90	142	2.5	1.1	5	3
Climax	244	11	0.2	0.9	6	6
Total	6,600	5,573				

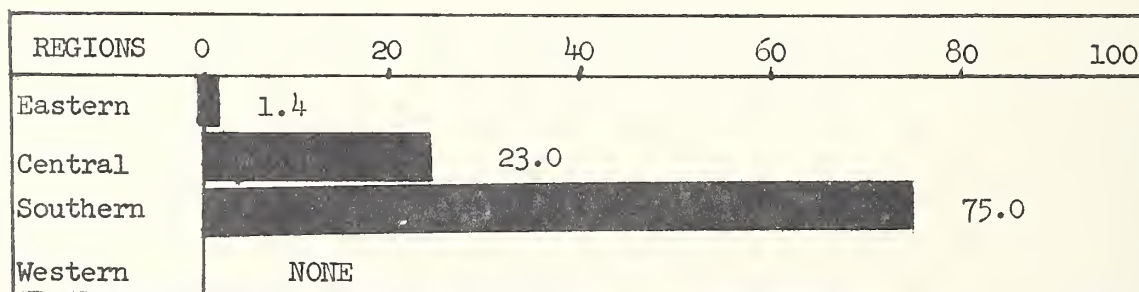
Western Region

N O N E

PERCENT OF LESPEDEZA ACREAGE BY VARIETIES

National

PERCENT OF LESPEDEZA ACREAGE BY REGIONS



TRENDS IN FORAGE CROPS VARIETIES

Vetch

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	Recomg
	1,000 acres	1,000 acres	Percent		No.	No.

National

Hairy	1,559	1,159	74.0	0.9	23	18
Common	381	142	9.1	0.9	12	6
Williamette	7	142	9.1	1.0	5	5
Purple	70	110	7.0	1.1	2	2
Wooly Pod	1	8	0.5	1.0	4	4
Madison	*	2	0.1	1.0	1	1
Lana	1	2	0.1	1.1	1	1
Monantha	<u>*</u>	<u>1</u>	0.0	1.0	1	1
Total	2,019	1,566				

Eastern Region

Hairy	10	10	76.2	1.0	5	4
Common	<u>3</u>	<u>3</u>	23.8	1.0	2	1
Total	13	13				

Central Region

Hairy	227	241	96.4	1.0	3	2
Common	<u>10</u>	<u>9</u>	3.6	1.0	2	0
Total	237	250				

Vetch (cont.)

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	Recomg
	1,000 acres	1,000 acres	Percent		No.	No.

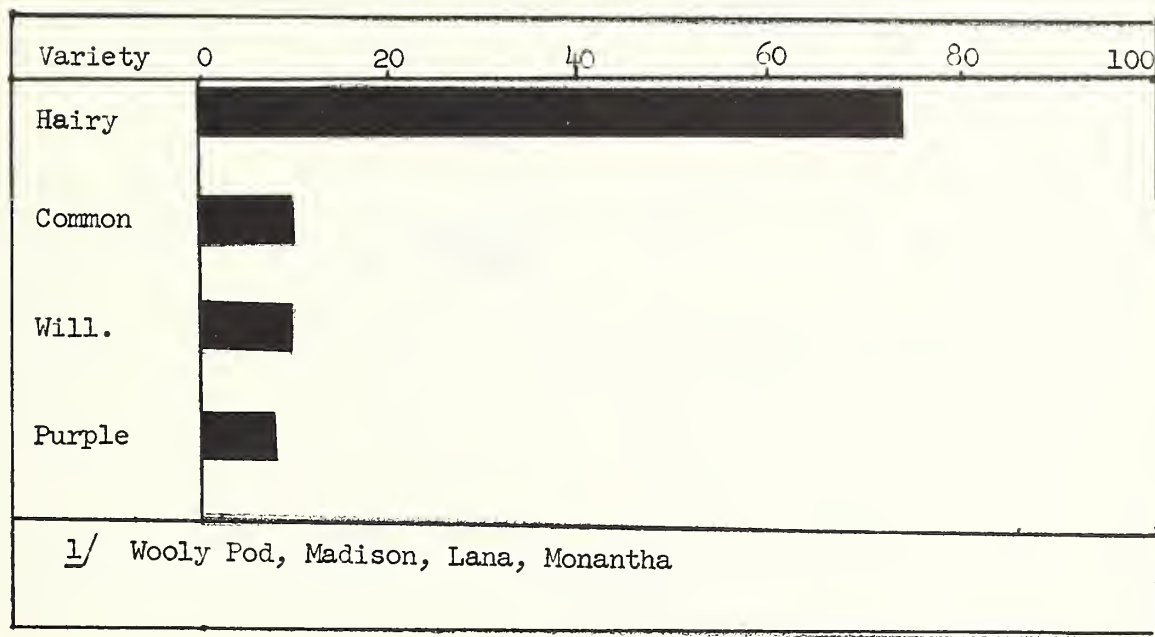
Southern Region

Hairy	1,225	800	76.8	0.9	10	9
Williamette	7	112	10.7	1.0	4	4
Common	293	110	10.6	0.9	6	4
Purple	*	10	1.0	1.0	1	1
Wooly Pod	*	8	0.8	1.0	4	4
Monantha	<u>-</u>	<u>1</u>	100.0	1.0	1	1
Total	1,525	1,041				

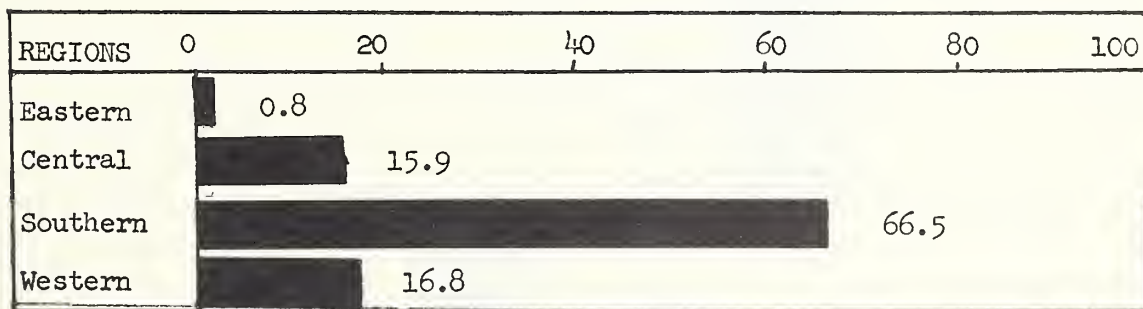
Western Region

Hairy	96	108	41.2	0.9	5	3
Purple	70	100	38.0	1.1	1	1
Williamette	*	30	11.4	0.9	1	1
Common	72	21	7.6	0.9	2	1
Lana	2	2	0.9	1.1	1	1
Madison	<u>*</u>	<u>2</u>	0.9	1.0	1	1
Total	240	263				

PERCENT OF VETCH ACREAGE BY VARIETIES

National

PERCENT OF VETCH ACREAGE BY REGIONS



TRENDS IN FORAGE CROPS VARIETIES

Bromegrass

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	Recomg
	1,000 acres	1,000 acres	Percent		No.	No.

National

Common (Southern)	3,072	2,969	31.2	0.9	17	5
Lincoln	2,561	2,871	30.1	0.9	25	22
Common (Northern)	1,370	1,656	17.3	1.0	10	5
Achenbach	1,984	1,456	15.3	1.1	13	11
Manchar	299	389	4.1	1.1	9	9
Southland	24	39	0.4	1.2	7	6
Lancaster	20	21	0.2	1.0	2	1
Saratoga	10	20	0.2	1.3	1	1
Blando	5	5	0.0	1.1	1	1
Elsberry	1	3	0.0	1.0	2	2
Lyon	1	3	0.0	1.1	1	1
Fischer	116	*	1.1	0.8	3	3
Homestead	*	*	0.0	1.0	1	1
Total	9,463	9,432				

Eastern Region

Lincoln	359	279	53.5	0.8	9	9
Common (Southern)	215	217	41.6	0.8	6	3
Saratoga	10	20	3.8	1.3	1	1
Common (Northern)	14	3	0.6	1.0	2	0
Elsberry	1	2	0.4	1.0	1	1
Achenbach	17	*	0.1	1.0	1	1
Total	616	521				

Central Region

Common (Southern)	2,740	2,580	31.3	0.9	6	1
Lincoln	2,625	2,520	31.0	0.9	8	6
Common (Northern)	1,220	1,530	18.6	1.0	4	3
Achenbach	1,940	1,412	17.2	1.1	8	6
Fischer	115	106	1.3	0.8	3	3
Southland	20	32	0.3	1.2	3	3
Lancaster	20	21	0.2	1.0	2	1
Manchar	3	8	0.1	1.0	1	1
Elsberry	*	1	0.0	1.1	1	1
Homestead	*	*	0.0	1.0	1	1
Total	8,683	8,210				

Bromegrass (cont.)

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	Recomg
	1,000 acres	1,000 acres	Percent		No.	No.

Southern Region

Achenbach	4	7	35.0	1.0	2	2
Common (Southern)	5	6	30.0	1.0	2	0
Southland	3	5	27.5	1.1	3	2
Lincoln	<u>1</u>	<u>1</u>	7.5	1.0	2	1
Total	13	19				

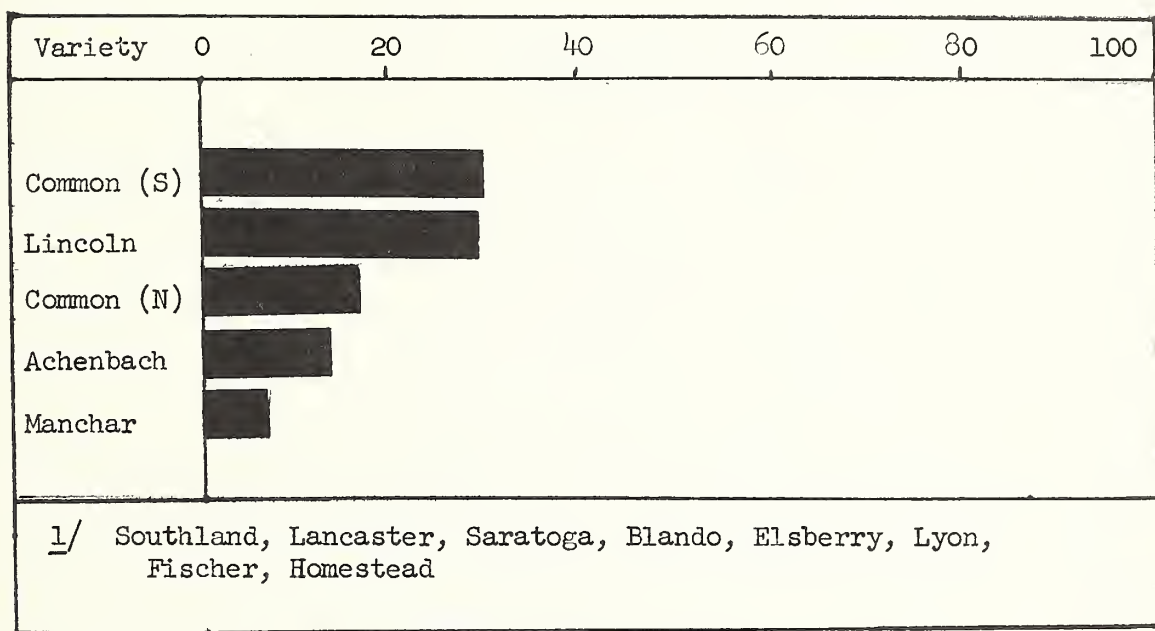
Western Region

Manchar	246	380	48.4	1.1	8	8
Common (Southern)	111	166	21.1	1.1	3	1
Common (Northern)	135	123	15.6	0.9	4	2
Lincoln	51	70	8.9	1.1	6	6
Achenbach	22	37	4.7	1.0	2	2
Blando	5	5	0.6	1.1	1	1
Lyon	1	3	0.4	1.1	1	1
Southland	<u>1</u>	<u>2</u>	0.2	1.0	1	1
Total	572	786				

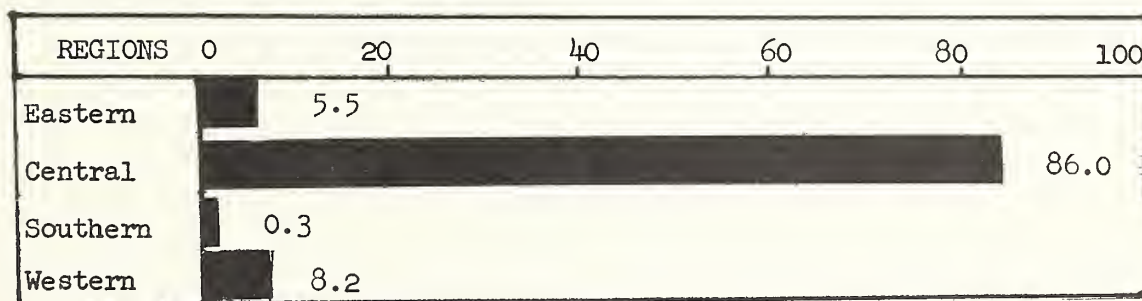
Smooth Bromegrass: Production of smooth bromegrass seed this year is forecast at 3,610,000 pounds. This is the smallest crop of record. It is only two-fifths as large as last year's total of 9,050,000 pounds, and about one-fourth of the 1948-57 average production of 13,548,000 pounds. The sharp decline is shared rather uniformly by all producing States. It is mostly the result of unprofitable prices received by growers last year, above average carry-over of old crop seed on farms, insufficient rainfall in the Dakotas, and an urgent need for pasture and hay. Also, many old and root-bound stands produced very low yields, and some bromegrass fields that are badly infested with quack grass have gone out of seed production.

Supply of this seed (1959 production plus carry-over by farmers and dealers) for the 1959-60 planting season is indicated at 15,595,000 pounds, 52 percent less than a year earlier and 18 percent less than average.

PERCENT OF BROMEGRASS ACREAGE BY VARIETIES

National

PERCENT OF BROMEGRASS ACREAGE BY REGIONS



TRENDS IN FORAGE CROPS VARIETIES

Timothy

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	R e c o m g
	1,000 acres	1,000 acres	Percent		No.	No.

National

Common	14,328	13,529	98.9	1.0	29	20
Climax	142	141	1.0	1.1	10	7
Essex	1	2	0.0	1.0	2	1
Milton	<u>*</u>	<u>*</u>	0.0	1.0	1	0
Total	14,471	13,672				

Eastern Region

Common	6,065	5,482	97.9	1.0	10	9
Climax	126	117	2.0	1.0	6	5
Essex	<u>1</u>	<u>2</u>	0.0	1.0	1	1
Total	6,192	5,601				

Central Region

Common	7,720	7,550	99.9	1.0	8	5
Climax	<u>3</u>	<u>3</u>	0.0	1.0	1	0
Total	7,723	7,553				

Timothy (cont.)

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	T E S Recomg
	1,000 acres	1,000 acres	Percent		No.	No.
<u>Southern Region</u>						
Common	328	278	100.0	1.0	3	3
<u>Western Region</u>						
Common	204	219	91.2	0.9	8	3
Climax	15	21	8.7	1.2	3	2
Essex	*	*	0.0	1.0	1	0
Milton	<u>*</u>	<u>*</u>	0.0	1.0	1	0
Total	219	240				

TRENDS IN FORAGE CROPS VARIETIES

Millet

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	Recomg
	1,000 acres	1,000 acres	Percent		No.	No.

National

Starr	408	387	32.9	1.2	11	9
Pearl	314	240	20.4	1.2	11	8
Browntop	111	162	13.8	1.0	4	3
White Proso	--	69	5.8	1.0	3	3
German Foxtail	89	64	5.6	0.9	9	6
Siberian	23	40	3.4	0.8	1	1
Common	94	38	3.2	1.1	3	2
Cattail	10	34	2.9	0.9	3	2
Japanese	13	28	2.3	1.0	6	4
White Wonder	10	25	2.2	0.9	1	1
Common Foxtail	13	20	1.7	1.0	7	3
Turghai	--	20	1.7	0.9	1	1
Early Fortune	17	17	1.4	1.0	1	1
Gahi 1	*	17	1.4	1.3	6	5
Dakota Kurst	*	10	0.8	0.9	1	1
Pearl No. 7	2	4	0.3	1.1	2	2
Hungarian	4	2	0.2	1.0	4	1
Total	1,108	1,177				

Eastern Region

Japanese	13	18	67.8	1.0	5	3
Pearl	4	6	20.3	1.1	3	2
Hungarian	4	2	8.1	1.0	4	1
Common Foxtail	*	*	1.9	1.0	1	0
German Foxtail	*	*	1.9	1.0	1	1
Total	21	26				

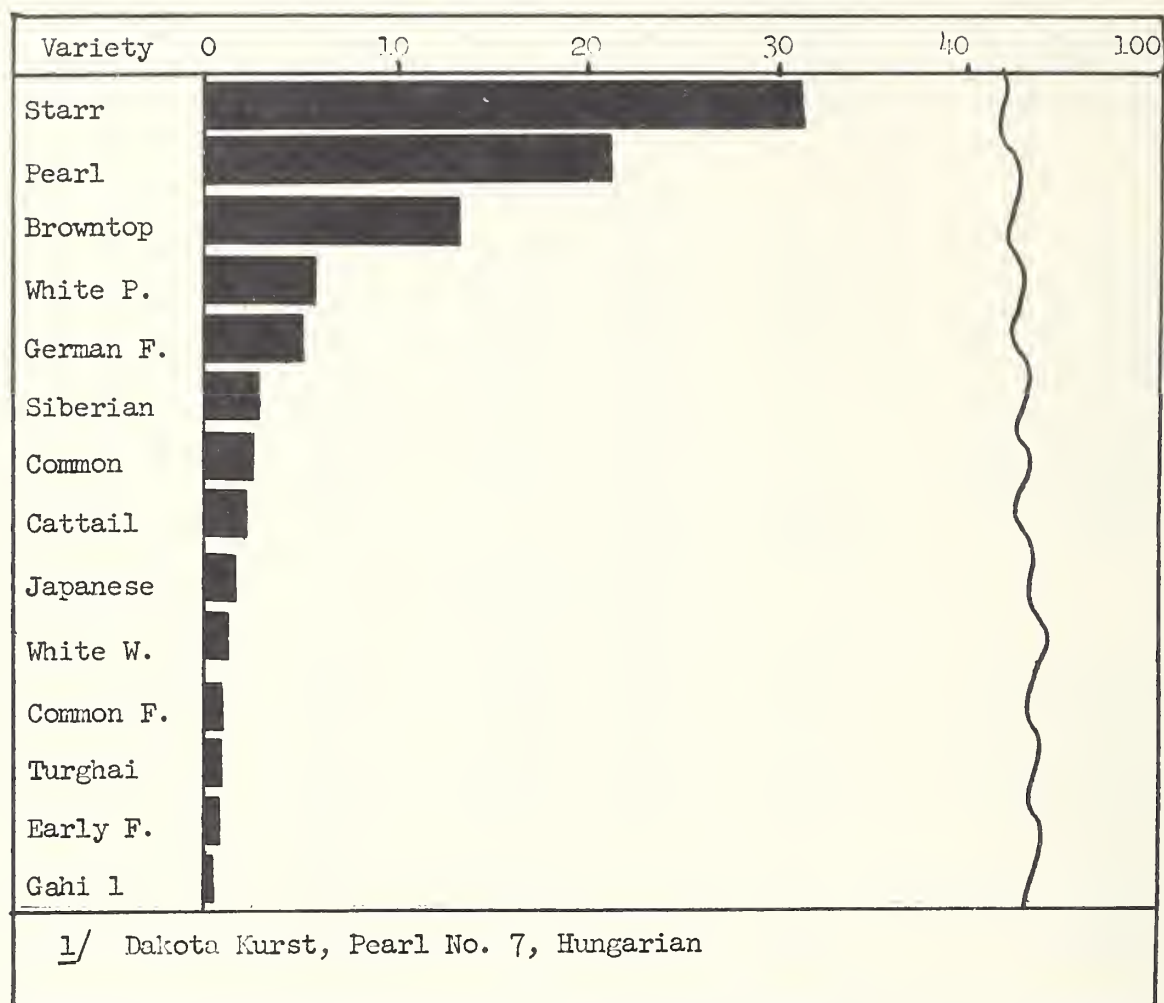
Central Region

White Proso	60	60	39.2	1.0	1	1
Siberian	23	40	26.1	0.8	1	1
Early Fortune	17	17	11.1	1.0	1	1
Common Foxtail	5	11	7.2	1.0	2	2
Common	26	10	6.5	1.0	1	1
Japanese	*	10	6.5	1.0	1	1
German Foxtail	*	5	3.3	1.0	1	1
Total	131	153				

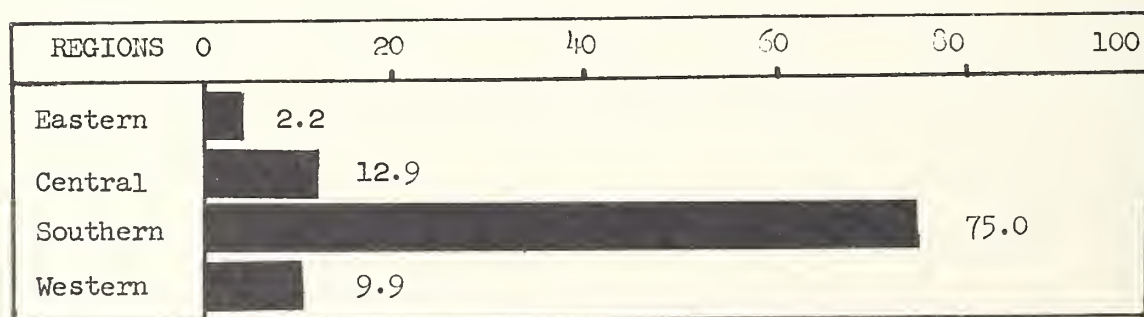
Millet (cont.)

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	R e c o m g No.
	1,000 acres	1,000 acres	Percent		No.	No.
<u>Southern Region</u>						
Starr	304	381	43.2	1.2	10	9
Pearl	311	235	26.6	1.2	8	6
Browntop	111	162	18.4	0.9	4	3
German Foxtail	67	46	5.2	0.8	4	2
Cattail	10	34	3.8	0.9	3	2
Gahi 1	*	17	1.9	1.3	5	5
Pearl No. 7	2	4	0.5	1.1	2	2
Common Foxtail	3	3	0.3	1.0	2	0
Common	1	1	0.1	1.0	1	0
Total	<u>809</u>	<u>883</u>				
<u>Western Region</u>						
Common	67	27	23.3	1.1	1	1
White Wonder	20	25	21.6	0.9	1	1
Turghai	*	20	17.4	0.9	1	1
German Foxtail	13	13	11.2	1.0	3	2
Dakota Kurst	*	10	8.6	0.9	1	1
White Proso	8	9	7.4	1.0	2	2
Starr	7	6	5.2	1.3	1	0
Common Foxtail	5	6	5.2	0.9	2	1
Gahi 1	*	*	0.1	1.1	1	0
Total	<u>120</u>	<u>116</u>				

PERCENT OF MILLET ACREAGE BY VARIETIES

National

PERCENT OF MILLET ACREAGE BY REGIONS



TRENDS IN FORAGE CROPS VARIETIES
National

Wheatgrass

<u>1/</u>	<u>UP</u>			<u>DOWN</u>		
Shp	Mod	Sli	Variety	Sli	Mod	Shp
			Nor. Cr.			
			Nebr. 50			
			Std. Cr.			
			Intermed.			
			Greenar			
			Fair. Cr.			
			Tall			
			Pubescent			
			Slender			
			Whitmar			
			Amur			
			Siberian			
			Sodar			

2/ Western, Topar

Millet

<u>1/</u>	<u>UP</u>		<u>DOWN</u>
Shp	Mod	Sli	Variety
			Gahi 1
			Starr
			Pearl
			Common
			Pearl 7
			German F.
			Cattail
			White W.
			Turghai
			Dakota K.
			Siberian
<u>2/</u>	Browntop, White Proso, Japanese, Common Foxtail, Early Fortune, Hungarian		

TRENDS IN FORAGE CROPS VARIETIES

Wheatgrass

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	Rcomg
	1,000 acres	1,000 acres	Percent		No.	No.

National

Standard Crested	1,494	1,552	48.3	1.1	11	9
Western	164	436	13.1	1.0	8	6
Nordan Crested	89	372	11.1	1.2	7	7
Intermediate	88	224	7.0	1.1	7	6
Greenar	136	202	6.3	1.1	6	5
Fairway Crested	162	154	4.7	1.1	5	5
Tall	89	103	3.2	1.1	10	10
Pubescent (Stiffhair)	55	71	2.2	1.1	7	7
Slender	--	30	0.7	1.1	1	1
Whitmar	32	26	0.7	1.1	4	3
Amur	11	21	0.6	1.1	3	3
Nebraska 50	5	20	0.6	1.2	2	2
Topar	2	13	0.5	1.0	3	2
Siberian	64	6	0.2	1.1	5	4
Sodar	2	3	0.1	1.1	2	2
Total	2,393	3,233				

Eastern Region

N O N E

Central Region

Standard Crested	275	301	32.9	1.0	2	2
Western	40	265	29.0	1.1	3	3
Nordan Crested	45	260	28.4	1.0	1	1
Tall	17	35	3.8	1.1	3	3
Slender	--	30	3.3	1.1	1	1
Intermediate	10	14	1.5	1.0	2	2
Nebraska 50	*	5	0.5	1.1	1	1
Fairway Crested	27	4	0.4	1.0	1	1
Pubescent (Stiffhair)	*	*	0.1	1.0	1	1
Total	414	914				

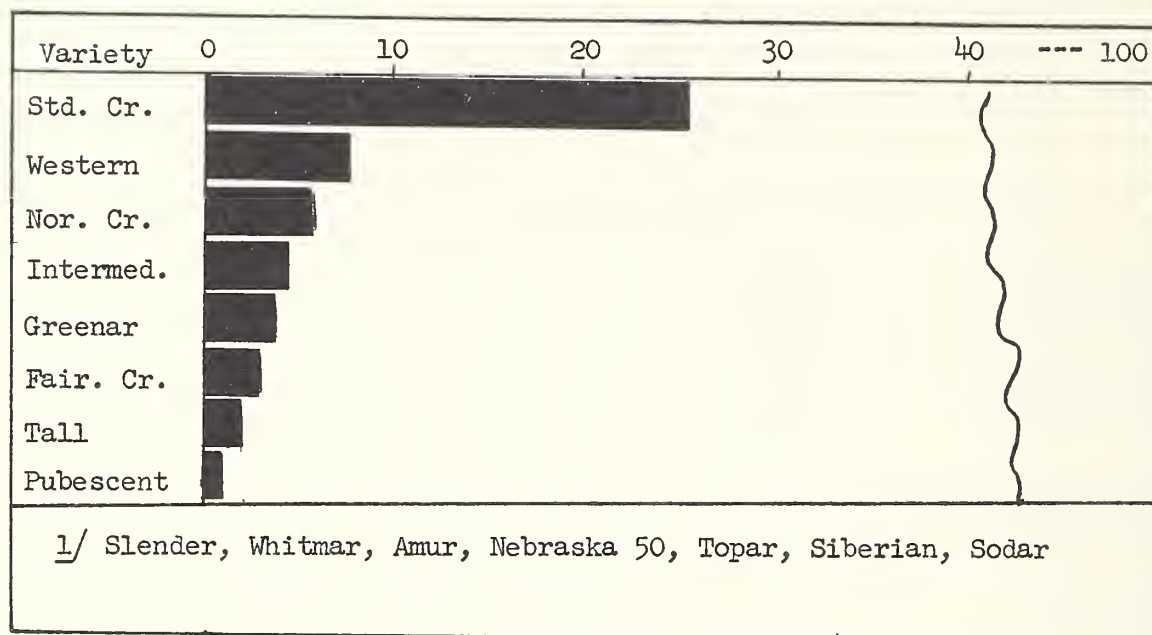
Wheatgrass (cont.)

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	Recomg
	1,000 acres	1,000 acres	Percent		No.	No.
<u>Southern Region</u>						
Western	25	75	100.0	1.0	1	1
<u>Western Region</u>						
Standard Crested	1,226	1,251	55.8	1.1	9	7
Intermediate	82	210	9.3	1.1	5	4
Greenar	128	202	8.9	1.1	6	5
Fairway Crested	135	150	6.6	1.1	4	4
Nordan Crested	45	112	4.9	1.2	6	6
Western	99	96	4.2	0.9	4	2
Tall	63	78	3.5	1.1	7	7
Pubescent (Stiffhair)	55	71	3.1	1.1	6	6
Whitmar	29	26	1.2	1.1	4	3
Amur	11	21	0.8	1.1	3	3
Nebraska 50	5	15	0.7	1.2	1	1
Topar	13	13	0.6	1.0	3	2
Siberian	63	6	0.3	1.1	5	4
Sodar	2	3	0.1	1.1	2	2
Total	1,956	2,254				

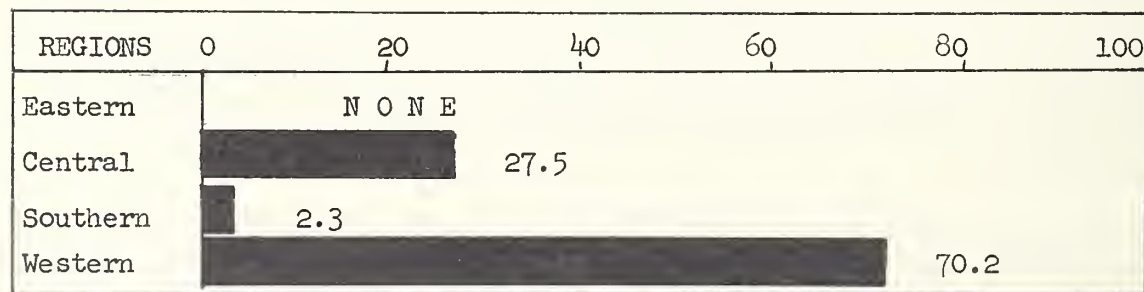
Crested Wheatgrass: The 1959 production of crested wheatgrass is forecast at 1,970,000 pounds. While this is 2 percent above the small 1958 crop of 1,925,000 pounds, it is 46 percent below the average of 3,658,000 pounds. Attractive prices for crested wheatgrass seed this season encouraged ranchers in Montana and Idaho to harvest more than twice as much seed as last year. However, these large increases were almost offset by 35-50 percent declines in the Dakotas, Nebraska and Wyoming where this grass was needed more for forage than seed.

Thin stands and relatively poor conditions for seed development resulted in a yield of only 70 pounds per acre--13 and 16 pounds under last year and average, respectively. Hot dry weather ripened seed earlier than last year and average. Harvest got underway during the first week of August in the Dakotas and Nebraska and during the second week in Wyoming, Idaho and Montana.

PERCENT OF WHEATGRASS ACREAGE BY VARIETIES

National

PERCENT OF WHEATGRASS ACREAGE BY REGIONS



TRENDS IN FORAGE CROPS VARIETIES

Orchardgrass

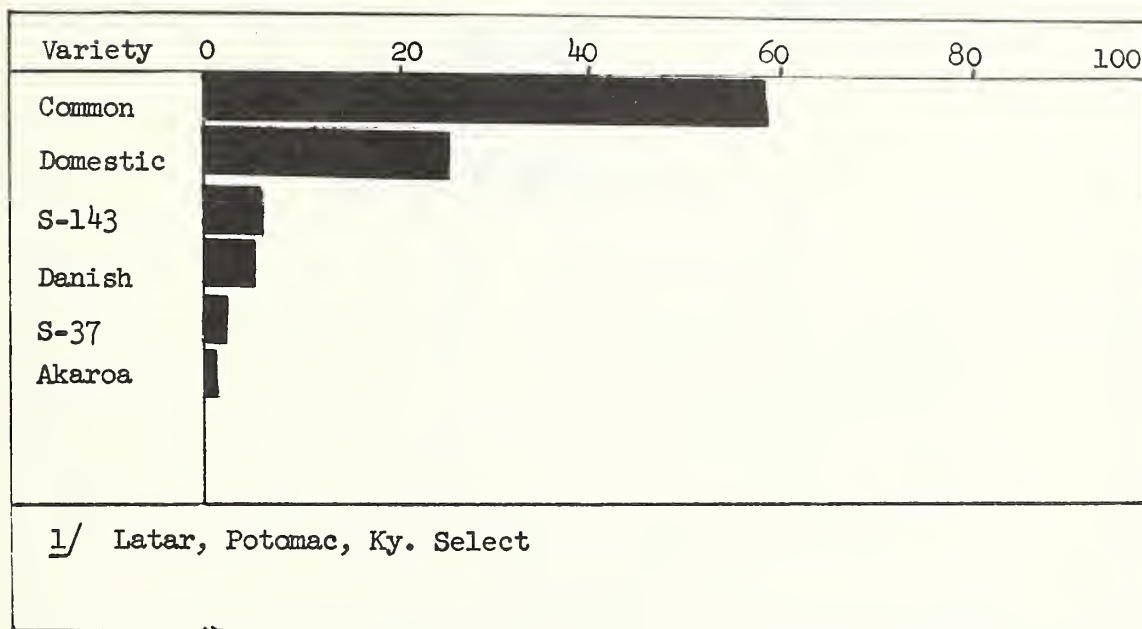
Variety	Average 1957-58 1,000 acres	1959 1,000 acres	Total Acreage Percent	Expected Trend	S T A T E S Rptg No.	Recomg No.
<u>National</u>						
Common	3,941	3,028	59.9	1.0	26	21
Domestic	50	1,204	23.8	1.1	4	2
S-143	375	298	5.9	0.9	3	3
Danish	260	255	5.0	0.8	2	1
S-37	24	124	2.4	0.9	10	8
Akaroa	183	92	1.8	1.0	4	4
Latar	5	27	0.6	1.3	3	3
Potomac	172	24	0.5	1.1	9	9
Ky. Select	<u>2</u>	<u>2</u>	0.0	1.0	1	1
Total	5,012	5,054				
<u>Eastern Region</u>						
Common	314	395	78.3	1.0	9	8
S-37	14	108	21.4	0.9	9	8
Potomac	<u>1</u>	<u>1</u>	0.2	1.1	1	1
Total	329	504				
<u>Central Region</u>						
Common	814	1,045	71.5	1.1	5	2
Domestic	*	399	27.3	1.3	2	1
S-37	10	15	1.0	1.1	1	0
Potomac	<u>2</u>	<u>3</u>	0.2	1.3	2	2
Total	826	1,462				

Orchardgrass (cont.)

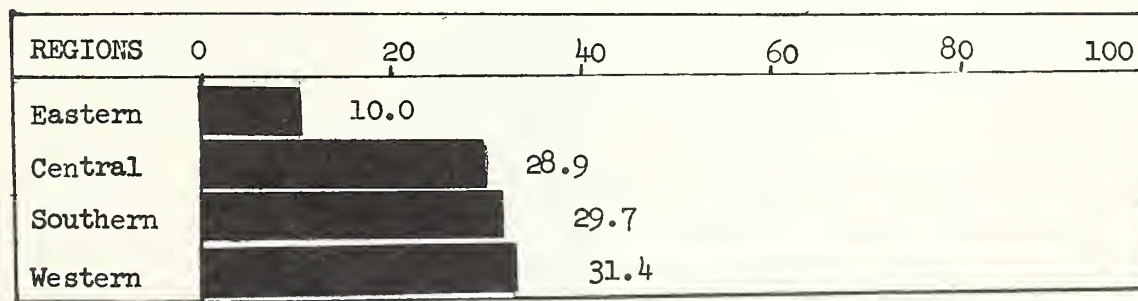
Variety	Average 1957-58 1,000 acres	1959 1,000 acres	Total Acreage Percent	Expected Trend	S T A T E S Rptg No.	Recomg No.
<u>Southern Region</u>						
Domestic	--	805	53.6	1.0	2	1
Common	1,419	435	29.1	1.0	4	4
Danish	260	255	17.0	0.8	2	1
Potomac	300	3	0.2	1.2	2	2
Ky. Select	<u>2</u>	<u>2</u>	0.1	1.0	1	1
Total	1,981	1,500				
<u>Western Region</u>						
Common	705	1,153	72.6	0.9	8	7
S-143	310	298	18.8	0.9	3	3
Akaroa	183	92	5.8	1.0	4	4
Latar	*	27	1.7	1.3	3	3
Potomac	<u>6</u>	<u>17</u>	1.1	1.0	4	4
Total	1,204	1,587				

Production of orchardgrass seed this year is forecast at 8,285,000 pounds of clean seed, down 44 percent from last year's large crop of 14,740,000 pounds and about one-fourth below the 10-year average of 11,150,000 pounds. A cold dry winter, a relatively dry early spring and heavy pasturing in Virginia and Kentucky were the chief reasons for the decline in acreage and yield per acre. In Missouri, cool weather and a late freeze this spring retarded growth of orchardgrass.

PERCENT OF ORCHARDGRASS ACREAGE BY VARIETIES

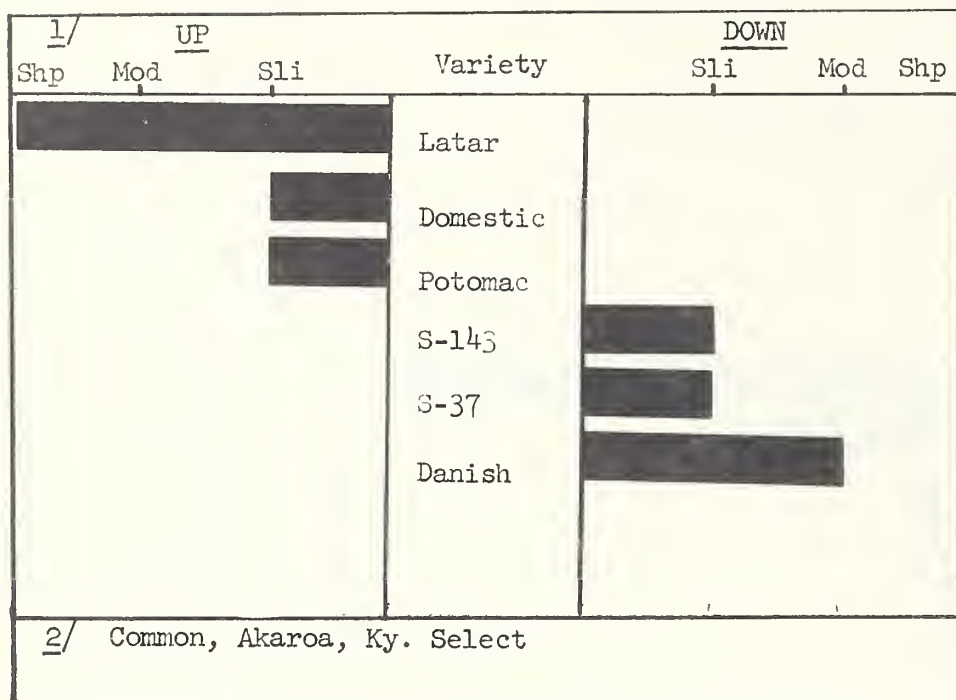
National

PERCENT OF ORCHARDGRASS ACREAGE BY REGIONS

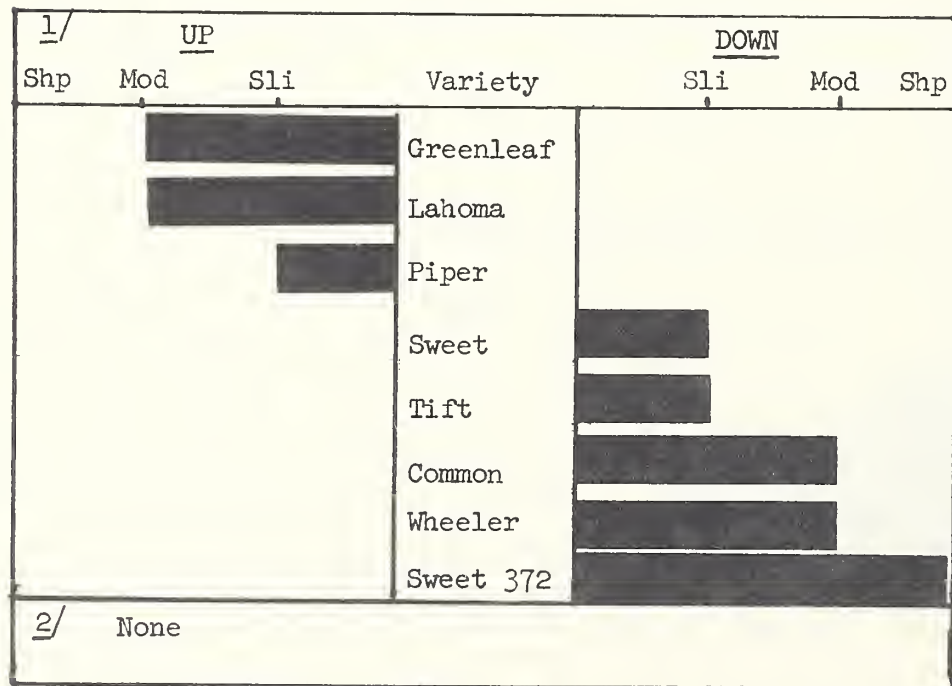


National

Orchardgrass



Sudangrass



TRENDS IN FORAGE CROPS VARIETIES

Sudangrass

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	Recomg
	1,000 acres	1,000 acres	Percent		No.	No.

National

Sweet 372	1,400	1,085	39.4	0.7	13	7
Piper	689	594	21.6	1.1	29	27
Common	589	371	13.4	0.8	25	10
Greenleaf	132	240	8.7	1.2	13	11
Sweet	--	230	8.3	0.9	9	5
Wheeler	302	181	6.6	0.8	4	4
Tift	98	46	1.7	0.9	13	7
Lahoma	<u>5</u>	<u>7</u>	0.3	1.2	2	1
Total	3,215	2,754				

Eastern Region

Piper	72	85	72.6	1.1	9	9
Sweet 372	13	14	11.7	1.0	3	0
Common	24	10	8.8	1.0	6	1
Sweet	--	5	4.3	1.0	1	0
Tift	<u>2</u>	<u>3</u>	2.6	1.0	4	2
Total	111	117				

Central Region

Piper	500	275	40.1	1.2	8	6
Greenleaf	121	228	33.3	1.2	6	6
Wheeler	176	130	18.9	0.7	2	2
Common	42	34	4.9	0.9	5	2
Sweet	--	10	1.5	1.0	1	1
Lahoma	5	7	1.0	1.2	2	1
Sweet 372	23	1	0.1	1.0	1	0
Tift	<u>*</u>	<u>1</u>	0.1	1.0	1	0
Total	867	686				

Sudangrass (cont.)

Variety	Average 1957-58	1959	Total Acreage	Expected Trend	S T A T E S Rptg	Recomg
	1,000 acres	1,000 acres	Percent		No.	No.

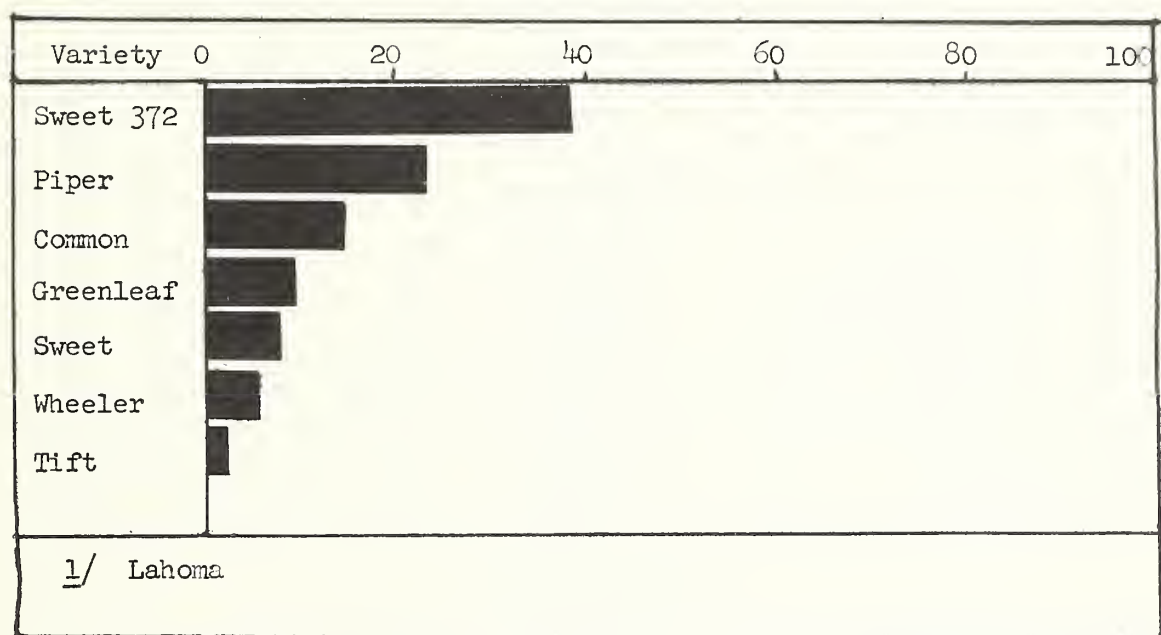
Southern Region

Sweet 372	1,326	1,018	67.0	0.7	6	5
Common	241	238	15.7	0.7	8	5
Sweet	--	169	11.1	0.9	3	1
Piper	43	52	3.4	0.9	7	7
Tift	90	32	2.1	0.9	7	4
Greenleaf	7	8	0.5	1.1	4	3
Wheeler	4	1	0.1	1.0	1	1
Total	1,711	1,518				

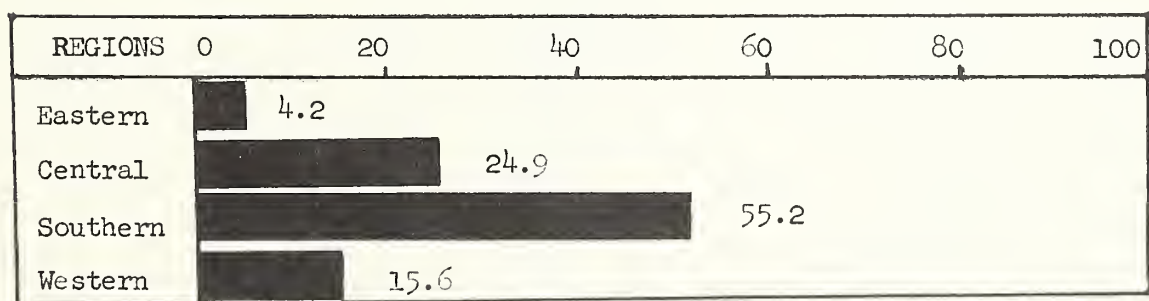
Western Region

Piper	74	182	42.2	1.2	5	5
Common	88	88	20.3	0.9	6	2
Sweet 372	37	51	11.9	1.0	3	2
Wheeler	70	50	11.6	0.9	1	1
Sweet	--	46	10.6	0.8	4	3
Tift	10	10	2.3	1.0	1	1
Greenleaf	7	4	1.0	1.1	3	2
Total	286	431				

PERCENT OF SUDANGRASS ACREAGE BY VARIETIES

National

PERCENT OF SUDANGRASS ACREAGE BY REGIONS



TRENDS IN FORAGE CROPS VARIETIES

Grasses

Crop	1959	Expected	S T A T E S	
	Acreage	Trend	Rptg	Recomg
			No.	No.
<u>Eastern Region</u>				
Midland (Bermuda)	100	1.3	1	1
Reed Canarygrass	16,400	1.1	6	5
<u>Central Region</u>				
Blackwell (Switchgrass)	60,000	1.2	1	1
Caddo (Switchgrass)	10,000	1.2	1	1
Nebr. 28 (Switchgrass)	10,000	1.1	1	1
El Reno (Side-Oats Grama)	60,000	1.2	1	1
Midland (Bermuda)	4,000	1.1	2	1
Merion Ky. (Bluegrass)	2,000	1.1	1	1
Russian Wild Rye	7,000	1.1	1	1
Reed Canarygrass	171,500	1.1	7	7
Buffalograss	5,000	1.1	1	1
<u>Southern Region</u>				
Argentine (Bahia)	105,000	1.0	4	3
Common (Bahia)	130,000	1.0	1	0
Pensacola (Bahia)	682,500	1.2	8	7
Tifhi (Bahia)	1,000	1.2	1	1
Blackwell (Switchgrass)	150,000	1.2	1	1
Caddo (Switchgrass)	10,000	1.2	1	1
Coronado (Side-Oats Grama)	50,000	1.1	1	1
El Reno (Side-Oats Grama)	1,000,000	1.1	1	1
Tucson (Side-Oats Grama)	1,000,000	1.2	1	1
Coastal (Bermuda)	1,564,000	1.2	9	9
Common (Bermuda)	2,600,000	1.2	2	2
Midland (Bermuda)	5,500	1.2	3	3
Sunturf (Bermuda)	230	0.7	2	1
Suwannee (Bermuda)	14,000	1.2	1	1
Tiffine (Bermuda)	650	1.0	2	2
Common (Bluegrass)	100,000	1.0	1	1
Delta Ky. (Bluegrass)	25,000	1.0	1	1
Merion Ky. (Bluegrass)	100	1.0	1	1
Rescuegrass	7,190,000	1.1	6	5
Buffalograss	20,000,000	1.0	1	1
Dallisgrass	160,000	0.9	2	1

Grasses (cont.)

Crop	1959	Expected	S T A T E S	
	Acreage	Trend	Rptg	Recomg
			No.	No.
<u>Western Region</u>				
Park Ky. (Bluegrass)	1,000	1.0	1	0
Merion Ky. (Bluegrass)	17,000	1.1	2	1
Delta Ky. (Bluegrass)	3,200	1.2	2	1
Newport (Bluegrass)	1,000	1.2	1	0
Coronado (Side-Oats Grama)	150,000	1.2	1	0
Russian Wild Rye	35,200	1.2	4	3
Reed Canarygrass	57,000	1.1	7	5
Buffalograss	250,000	1.0	1	1
Dallisgrass	250,000	1.0	1	1
Nebr. 28 (Switchgrass)	1,000	1.2	1	1
Common or Italian (Ryegrass)	90,000	1.0	1	1
Perennial (Ryegrass)	40,000	1.0	1	1
Bentgrass	18,000	0.7	1	1
Tall Fescue (Alta)	55,000	1.0	1	1

PRINCIPAL PRODUCING STATES OF FORAGE CROPS VARIETIES 1/

<u>Variety</u>	<u>State or States</u>	<u>Percent of acreage this variety grown here</u>	<u>Percent U.S. total acreage represented by this variety</u>	<u>Exp. Trend in Prin. States</u>
<u>Alfalfa</u>				
African	Calif., Ill., Tex.	99.9	1.9	Down Sharp
Alfa	N.Y.	100.0	0.0	Up Sharp
Atlantic	Ky., N.J., Va.	52.9	1.6	Stationary
Buffalo	Kans., Ohio, Pa.	59.0	9.8	Stationary
Caliverde	Calif., Wis., La.	100.0	0.1	Down Moderate
Chillian 21-5	La., Fla.	100.0	0.0	Stationary
Cody	Kans.	100.0	0.0	Up Sharp
Common	Nebr., Ill., Kans.	54.3	20.8	Down Slight
Cossack	Wis., Iowa, Wyo.	93.2	0.5	Down Moderate
Du Puits	N.Y., Wis., Pa.	67.6	2.7	Stationary
Grimm	N.Dak., Minn., Iowa	65.3	4.7	Down Sharp
Hairy Per.	Calif., Tex., Fla.	100.0	0.3	Down Moderate
Indian	Calif., Tex., Fla.	100.0	0.1	Down Moderate
Ladak	N.Dak., Wash., Colo.	54.7	4.5	Up Slight
Lahontan	Calif., Nev., N.Mex.	82.0	1.0	Up Moderate
Meeker Baltic	Colo.	100.0	0.2	Stationary
Moapa	Calif., Nev.	100.0	0.4	Up Moderate
Narragansett	N.Y., Pa., Va.	83.0	1.6	Up Moderate
N.Mex. 11-1	N.Mex., La.	100.0	0.1	Stationary
N.Mex. 16	Tex.	100.0	0.0	Up Sharp
Nomad	Oreg.	100.0	0.0	Up Sharp
Ranger	Minn., Mich., Wis.	37.3	36.4	Down Moderate
Rhizoma	Ky., Oreg.	100.0	0.0	Stationary
Talent	Oreg., La.	100.0	0.0	Down Moderate
Teton	N.Dak.	100.0	0.0	Up Slight
Vernal	Wis., Minn., Mich.	70.4	12.0	Up Moderate
Williamsburg	Iowa, Va., Md.	90.7	1.1	Up Slight
Zia	N.Mex.	100.0	0.0	Up Sharp

Red Clover

Chesapeake	Pa., Md., Del.	92.3	0.1	Up Moderate
Common	Iowa, Ind., Ohio	42.3	71.0	Stationary
Dollard	Ohio, Minn., Wis.	82.5	1.5	Up Slight
Kenland	Ky., Ohio, Mo.	38.0	16.3	Stationary
LaSalle	Idaho	100.0	0.0	Up Moderate
La. Strain 1	La., Fla., Tex.	100.0	0.1	Up Moderate
Mammoth	Ind., Ill., Pa.	97.4	3.6	Stationary
Nolin's	La., Fla.	100.0	0.0	Stationary
Pennscott	Pa., Idaho, Ohio	75.0	5.2	Up Moderate
Va. Adapted	Va., N.Y.	100.0	2.2	Stationary
Lakeland	Wis.	100.0	0.0	Up Moderate

1/ Whether grown for seed or other purposes, as reflected by acreage reported

PRINCIPAL PRODUCING STATES OF FORAGE CROPS VARIETIES 1/ (cont.)

<u>Variety</u>	<u>State or States</u>	<u>Percent of acreage this variety grown here</u>	<u>Percent U.S. total acreage represented by this variety</u>	<u>Exp. Trend in Prin. States</u>
<u>Sweet Clover</u>				
Biennial White	Ind., Kans., Idaho	91.3	4.9	Stationary
Common	Ill., Ohio, Iowa	58.2	43.1	Down Moderate
Evergreen	Ill., Ohio, Ky.	93.7	1.7	Stationary
Florana	Tex., Fla., La.	100.0	1.6	Up Slight
Goldtop	Wis., Colo., N.Dak.	100.0	0.0	Up Slight
Hubam	Tex., Fla., Iowa	92.4	8.0	Stationary
Israel	Tex., Fla.	100.0	0.1	Up Slight
M. Indica	La., Tex.	100.0	0.3	Down Slight
Madrid	Kans., Ill., N.Dak.	88.7	39.0	Stationary
Spanish	Wash.	100.0	0.4	Down Sharp
Yellow Blossom	Idaho	100.0	0.8	Up Slight
<u>White Clover</u>				
Common	Ark., N.C., Utah	71.1	18.9	Stationary
Ladino	Ill., Ohio, N.C.	36.0	68.6	Stationary
La. S-1	La., Tex., Fla.	85.5	1.4	Up Moderate
La. White	Ga., Ala., Tex.	91.7	9.9	Up Slight
Nolin's	Fla., La.	100.0	0.5	Up Moderate
Pilgrim	Wash., Pa., S.C.	97.9	0.2	Down Slight
Alalu	Ala.	100.0	0.4	Stationary
<u>Crimson Clover</u>				
Auburn	Ala., La., Fla.	95.2	1.0	Up Slight
Allen	Ga.	100.0	0.0	Up Sharp
Autauga	Ala., Tex., La.	99.3	6.9	Up Moderate
Chief	La., Ga.	100.0	0.0	Stationary
Common	Va., Ga., Calif.	80.2	41.6	Stationary
Dixie	Ga., Ark., Oreg.	94.5	31.3	Up Slight
Hardy	Ga.	100.0	0.0	Up Sharp
Reseeding	Ga., Miss.	100.0	16.5	Up Slight
Talladega	Ala., Tex., Miss.	90.5	2.6	Up Slight
Thornton	La., Ga.	100.0	0.0	Stationary
<u>Birdsfoot Trefoil</u>				
Common or Imp.	Calif., N.Y., Ohio	85.7	68.6	Down Slight
Beaver	Wash., Oreg.	100.0	0.4	Stationary
Cascade	Wash., Oreg.	100.0	0.7	Up Slight
Douglas	Oreg.	100.0	0.8	Up Moderate
Empire	N.Y., Ill., Ohio	77.0	20.9	Up Slight
Granger	Calif., Oreg., Ky.	88.2	1.2	Up Slight
Mansfield	N.Y., Pa., Conn.	95.2	0.6	Up Moderate
Viking	N.Y., Pa., Ohio	95.1	6.8	Up Sharp

PRINCIPAL PRODUCING STATES OF FORAGE CROPS VARIETIES 1/ (cont.)

<u>Variety</u>	<u>State or States</u>	<u>Percent of acreage this variety grown here</u>	<u>Percent U.S. total acreage represented by this variety</u>	<u>Exp. Trend in Prin. States</u>
<u>Vetch</u>				
Hairy	Ala., Mo., Tex.	62.9	74.0	Stationary
Lana	Calif.	100.0	0.1	Up Slight
Purple	Calif., La.	100.0	7.0	Up Slight
Williamette	Ala., Oreg., La.	91.5	9.1	Stationary
Wooly Pod	La., Tex., Fla.	88.2	0.5	Stationary
Madison	Colo.	100.0	0.1	Stationary
Monantha	Fla.	100.0	0.0	Stationary
Common	Tex., Calif., S.C.	72.3	9.1	Down Moderate
<u>Timothy</u>				
Climax	N.Y., Pa., Wash.	88.6	1.0	Up Slight
Common	N.Y., Wis., Ohio	49.2	98.9	Stationary
Essex	N.Y., Colo.	100.0	0.0	Stationary
Milton	Colo.	100.0	0.0	Stationary
<u>Lespedeza</u>				
Climax	Ill., Ark., Md.	80.6	0.4	Stationary
Common	Ala., Miss., Ga.	81.5	7.5	Stationary
Iowa 6	Iowa	100.0	0.0	Stationary
Kobe	Ark., N.C., Ga.	80.5	17.8	Up Moderate
Korean (Std.)	Ark., Ky., Ill.	64.2	60.8	Up Slight
Rowan	N.C., Ky., Md.	66.3	2.2	Stationary
Sericea (Arl.)	Ga., Ala., N.C.	95.0	1.9	Up Slight
Sericea (Common)	Ala., Ga., Ark.	83.0	9.3	Down Slight
<u>Millet</u>				
Browntop	Ga., S.C., Ala.	98.7	13.8	Up Slight
Cattail	Miss., N.C., Ark.	100.0	2.9	Down Slight
Common	Colo., Wis., Ky.	100.0	3.2	Up Slight
Common Foxtail	Mo., Wis., Colo.	80.0	1.7	Stationary
DakotaxKurst	Colo.	100.0	0.8	Down Slight
Early Fortune	N.Dak.	100.0	1.4	Stationary
Gahi 1	Ga., S.C., Fla.	90.3	1.4	Up Sharp
German Foxtail	Ark., Tex., Colo.	75.0	5.6	Down Moderate
Hungarian	Maine, Conn., Mass.	95.2	0.2	Stationary
Japanese	Wis., Pa., Maine	85.2	2.3	Stationary
Pearl	S.C., Miss., Tex.	75.0	20.4	Stationary
Pearl No. 7	Tex., La.	100.0	0.3	Up Slight
Siberian	N.Dak.	100.0	3.4	Down Moderate
Starr	Ga., S.C., Miss.	62.0	32.9	Up Slight
Turghai	Colo.	100.0	1.7	Down Slight
White Proso	N.Dak., Calif., Wyo.	100.0	5.8	Stationary
White Wonder	Colo.	100.0	2.2	Down Slight

PRINCIPAL PRODUCING STATES OF FORAGE CROPS VARIETIES 1/ (cont.)

<u>Variety</u>	<u>State or States</u>	<u>Percent of acreage this variety grown here</u>	<u>Percent U.S. total acreage represented by this variety</u>	<u>Exp. Trend in Prin. States</u>
<u>Bromegrass</u>				
Achenbach	Kans., Mo., Ill.	92.0	15.3	Up Slight
Blando	Calif.	100.0	0.0	Up Slight
Common (No.)	Wis., N.Dak., Mich.	86.3	17.3	Up Slight
Common (So.)	Minn., Nebr., Ill.	75.7	31.2	Stationary
Elsberry	Md., Mo.	100.0	0.0	Stationary
Fischer	Iowa, Mo., N.Dak.	100.0	1.1	Down Moderate
Homestead	N.Dak.	100.0	0.0	Stationary
Lancaster	Ohio, N.Dak.	100.0	0.2	Stationary
Lincoln	Iowa, Ohio, N.Dak.	58.6	30.1	Down Moderate
Lyon	Colo.	100.0	0.0	Up Slight
Manchar	Wash., Idaho, Calif.	91.0	4.1	Up Slight
Saratoga	N.Y.	100.0	0.2	Up Sharp
Southland	Kans., Ky., Colo.	89.7	0.4	Up Slight
<u>Orchardgrass</u>				
Akaroa	Calif., Wash., Oreg.	97.8	1.8	Stationary
Common	Calif., Ill., Mo.	44.2	59.9	Stationary
Danish	N C., Ark.	100.0	5.0	Down Moderate
Domestic	Va., Iowa, Ark.	99.9	23.8	Up Slight
Ky. Select	Ky.	100.0	0.0	Stationary
Latar	Wash., Idaho, Utah	100.0	0.6	Up Sharp
Potomac	Wash., Oreg., N.C.	78.2	0.5	Up Slight
S-37	Pa., N.J., Ohio	81.3	2.4	Down Slight
S-143	Wash., Idaho, Oreg.	100.0	5.9	Down Slight
<u>Wheatgrass</u>				
Amur	Colo., Wyo., Utah	100.0	0.6	Up Slight
Fairway Crested	Utah, Oreg., Colo.	94.1	4.7	Up Slight
Greenar	Wash., Calif., Idaho	99.5	6.3	Up Slight
Intermediate	Calif., Utah, Colo.	75.8	7.0	Up Slight
Nebr. 50	Colo., Nebr.	100.0	0.6	Up Moderate
Nordan Crested	N.Dak., Wash., Colo.	96.2	11.1	Up Slight
Pub. (Stiffhair)	Calif., Oreg., Utah	77.4	2.2	Up Slight
Siberian	Idaho, Oreg., Nev.	83.3	0.2	Up Slight
Sodar	Wash., Idaho	100.0	0.1	Up Slight
Standard crested	Utah, N.Dak., Oreg.	72.1	48.3	Up Slight
Tall	Utah, Colo., Kans.	64.6	3.2	Stationary
Topar	Wash., Oreg., Nev.	100.0	0.5	Stationary
Western	Nebr., Colo., Tex.	83.2	13.1	Stationary
Whitmar	Wash., Oreg., Idaho	99.9	0.7	Up Slight
Slender	N.Dak.	100.0	0.7	Up Slight

PRINCIPAL PRODUCING STATES OF FORAGE CROPS VARIETIES 1/ (cont.)

<u>Variety</u>	<u>State or States</u>	<u>Percent of acreage this variety grown here</u>	<u>Percent U.S. total acreage represented by this variety</u>	<u>Exp. Trend in Prin. States</u>
<u>Sudangrass</u>				
Common	Tex., Colo., Wyo.	75.4	13.4	Down Sharp
Greenleaf	Kans., Iowa, Mo.	91.6	8.7	Up Moderate
Lahoma	Kans., Mo.	100.0	0.3	Stationary
Piper	N.Dak., Calif., Mo.	47.1	21.6	Up Slight
Sweet	S.C., Ark., Miss.	73.7	8.3	Stationary
Sweet 372	Tex., Calif., Colo.	96.8	39.4	Down Sharp
Tift	Ga., Calif., La.	67.3	1.7	Stationary
Wheeler	Kans., Colo., Mo.	99.4	6.6	Down Moderate



